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1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result Ant0

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band 13	5MHz	QPSK	L	1RB0	24.79	23.44	34.77	PASS
Band 13	5MHz	QPSK	L	1RB13	24.76	23.41	34.77	PASS
Band 13	5MHz	QPSK	L	1RB24	24.76	23.41	34.77	PASS
Band 13	5MHz	QPSK	L	12RB0	23.79	22.44	34.77	PASS
Band 13	5MHz	QPSK	L	12RB6	23.81	22.46	34.77	PASS
Band 13	5MHz	QPSK	L	12RB13	23.67	22.32	34.77	PASS
Band 13	5MHz	QPSK	L	25RB0	23.75	22.4	34.77	PASS
Band 13	5MHz	QPSK	M	1RB0	24.72	23.37	34.77	PASS
Band 13	5MHz	QPSK	M	1RB13	24.75	23.4	34.77	PASS
Band 13	5MHz	QPSK	M	1RB24	24.66	23.31	34.77	PASS
Band 13	5MHz	QPSK	M	12RB0	23.75	22.4	34.77	PASS
Band 13	5MHz	QPSK	M	12RB6	23.76	22.41	34.77	PASS
Band 13	5MHz	QPSK	M	12RB13	23.58	22.23	34.77	PASS
Band 13	5MHz	QPSK	M	25RB0	23.69	22.34	34.77	PASS
Band 13	5MHz	QPSK	H	1RB0	24.68	23.33	34.77	PASS
Band 13	5MHz	QPSK	H	1RB13	24.8	23.45	34.77	PASS
Band 13	5MHz	QPSK	H	1RB24	24.65	23.3	34.77	PASS
Band 13	5MHz	QPSK	H	12RB0	23.7	22.35	34.77	PASS
Band 13	5MHz	QPSK	H	12RB6	23.73	22.38	34.77	PASS
Band 13	5MHz	QPSK	H	12RB13	23.63	22.28	34.77	PASS
Band 13	5MHz	QPSK	H	25RB0	23.66	22.31	34.77	PASS

Band 13	5MHz	16QAM	L	1RB0	23.91	22.56	34.77	PASS
Band 13	5MHz	16QAM	L	1RB13	23.9	22.55	34.77	PASS
Band 13	5MHz	16QAM	L	1RB24	23.79	22.44	34.77	PASS
Band 13	5MHz	16QAM	L	12RB0	22.8	21.45	34.77	PASS
Band 13	5MHz	16QAM	L	12RB6	22.8	21.45	34.77	PASS
Band 13	5MHz	16QAM	L	12RB13	22.63	21.28	34.77	PASS
Band 13	5MHz	16QAM	L	25RB0	22.78	21.43	34.77	PASS
Band 13	5MHz	16QAM	M	1RB0	23.9	22.55	34.77	PASS
Band 13	5MHz	16QAM	M	1RB13	23.86	22.51	34.77	PASS
Band 13	5MHz	16QAM	M	1RB24	23.84	22.49	34.77	PASS
Band 13	5MHz	16QAM	M	12RB0	22.75	21.4	34.77	PASS
Band 13	5MHz	16QAM	M	12RB6	22.75	21.4	34.77	PASS
Band 13	5MHz	16QAM	M	12RB13	22.61	21.26	34.77	PASS
Band 13	5MHz	16QAM	M	25RB0	22.69	21.34	34.77	PASS
Band 13	5MHz	16QAM	H	1RB0	23.9	22.55	34.77	PASS
Band 13	5MHz	16QAM	H	1RB13	23.95	22.6	34.77	PASS
Band 13	5MHz	16QAM	H	1RB24	23.79	22.44	34.77	PASS
Band 13	5MHz	16QAM	H	12RB0	22.7	21.35	34.77	PASS
Band 13	5MHz	16QAM	H	12RB6	22.72	21.37	34.77	PASS
Band 13	5MHz	16QAM	H	12RB13	22.67	21.32	34.77	PASS
Band 13	5MHz	16QAM	H	25RB0	22.67	21.32	34.77	PASS
Band 13	5MHz	64QAM	L	1RB0	23	21.65	34.77	PASS
Band 13	5MHz	64QAM	L	1RB13	22.99	21.64	34.77	PASS
Band 13	5MHz	64QAM	L	1RB24	22.94	21.59	34.77	PASS
Band 13	5MHz	64QAM	L	12RB0	21.81	20.46	34.77	PASS

Band 13	5MHz	64QAM	L	12RB6	21.85	20.5	34.77	PASS
Band 13	5MHz	64QAM	L	12RB13	21.63	20.28	34.77	PASS
Band 13	5MHz	64QAM	L	25RB0	21.84	20.49	34.77	PASS
Band 13	5MHz	64QAM	M	1RB0	22.85	21.5	34.77	PASS
Band 13	5MHz	64QAM	M	1RB13	23.02	21.67	34.77	PASS
Band 13	5MHz	64QAM	M	1RB24	22.76	21.41	34.77	PASS
Band 13	5MHz	64QAM	M	12RB0	21.77	20.42	34.77	PASS
Band 13	5MHz	64QAM	M	12RB6	21.81	20.46	34.77	PASS
Band 13	5MHz	64QAM	M	12RB13	21.64	20.29	34.77	PASS
Band 13	5MHz	64QAM	M	25RB0	21.69	20.34	34.77	PASS
Band 13	5MHz	64QAM	H	1RB0	22.86	21.51	34.77	PASS
Band 13	5MHz	64QAM	H	1RB13	22.75	21.4	34.77	PASS
Band 13	5MHz	64QAM	H	1RB24	22.76	21.41	34.77	PASS
Band 13	5MHz	64QAM	H	12RB0	21.71	20.36	34.77	PASS
Band 13	5MHz	64QAM	H	12RB6	21.73	20.38	34.77	PASS
Band 13	5MHz	64QAM	H	12RB13	21.66	20.31	34.77	PASS
Band 13	5MHz	64QAM	H	25RB0	21.66	20.31	34.77	PASS
Band 13	10MHz	QPSK	M	1RB0	24.62	23.27	34.77	PASS
Band 13	10MHz	QPSK	M	1RB25	24.67	23.32	34.77	PASS
Band 13	10MHz	QPSK	M	1RB49	24.55	23.2	34.77	PASS
Band 13	10MHz	QPSK	M	25RB0	23.77	22.42	34.77	PASS
Band 13	10MHz	QPSK	M	25RB13	23.66	22.31	34.77	PASS
Band 13	10MHz	QPSK	M	25RB25	23.6	22.25	34.77	PASS
Band 13	10MHz	QPSK	M	50RB0	23.77	22.42	34.77	PASS
Band 13	10MHz	16QAM	M	1RB0	23.84	22.49	34.77	PASS

Band 13	10MHz	16QAM	M	1RB25	23.93	22.58	34.77	PASS
Band 13	10MHz	16QAM	M	1RB49	23.74	22.39	34.77	PASS
Band 13	10MHz	16QAM	M	25RB0	22.78	21.43	34.77	PASS
Band 13	10MHz	16QAM	M	25RB13	22.67	21.32	34.77	PASS
Band 13	10MHz	16QAM	M	25RB25	22.61	21.26	34.77	PASS
Band 13	10MHz	16QAM	M	50RB0	22.75	21.4	34.77	PASS
Band 13	10MHz	64QAM	M	1RB0	22.82	21.47	34.77	PASS
Band 13	10MHz	64QAM	M	1RB25	22.83	21.48	34.77	PASS
Band 13	10MHz	64QAM	M	1RB49	22.68	21.33	34.77	PASS
Band 13	10MHz	64QAM	M	25RB0	21.74	20.39	34.77	PASS
Band 13	10MHz	64QAM	M	25RB13	21.74	20.39	34.77	PASS
Band 13	10MHz	64QAM	M	25RB25	21.58	20.23	34.77	PASS
Band 13	10MHz	64QAM	M	50RB0	21.75	20.4	34.77	PASS

2. Frequency Stability

2.1 Test Result

2.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	782	50	0	20	3.27	2.165	0.0028	-2.5 to 2.5	Pass
					3.85	1.698	0.0022	-2.5 to 2.5	Pass
					4.43	1.580	0.0020	-2.5 to 2.5	Pass
				-30	3.85	2.848	0.0036	-2.5 to 2.5	Pass
				-20	3.85	0.873	0.0011	-2.5 to 2.5	Pass
				-10	3.85	1.366	0.0017	-2.5 to 2.5	Pass
				0	3.85	1.766	0.0023	-2.5 to 2.5	Pass
				10	3.85	1.875	0.0024	-2.5 to 2.5	Pass
				30	3.85	2.984	0.0038	-2.5 to 2.5	Pass
				40	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.809	0.0010	-2.5 to 2.5	Pass
16QAM	782	50	0	20	3.27	2.159	0.0028	-2.5 to 2.5	Pass
					3.85	0.961	0.0012	-2.5 to 2.5	Pass
					4.43	1.324	0.0017	-2.5 to 2.5	Pass
				-30	3.85	0.753	0.0010	-2.5 to 2.5	Pass
				-20	3.85	1.466	0.0019	-2.5 to 2.5	Pass
				-10	3.85	1.378	0.0018	-2.5 to 2.5	Pass
				0	3.85	0.299	0.0004	-2.5 to 2.5	Pass

				10	3.85	0.838	0.0011	-2.5 to 2.5	Pass
				30	3.85	0.511	0.0007	-2.5 to 2.5	Pass
				40	3.85	2.989	0.0038	-2.5 to 2.5	Pass
				50	3.85	2.690	0.0034	-2.5 to 2.5	Pass
64QAM	782	50	0	20	3.27	1.339	0.0017	-2.5 to 2.5	Pass
					3.85	0.691	0.0009	-2.5 to 2.5	Pass
					4.43	0.379	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.021	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.488	0.0006	-2.5 to 2.5	Pass
				-10	3.85	2.248	0.0029	-2.5 to 2.5	Pass
				0	3.85	1.204	0.0015	-2.5 to 2.5	Pass
				10	3.85	2.710	0.0035	-2.5 to 2.5	Pass
				30	3.85	2.535	0.0032	-2.5 to 2.5	Pass
				40	3.85	2.078	0.0027	-2.5 to 2.5	Pass
				50	3.85	1.158	0.0015	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band13_OBW

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.551	/	Pass
		782	25	0	4.562	/	Pass
		784.5	25	0	4.555	/	Pass
	16QAM	779.5	25	0	4.564	/	Pass
		782	25	0	4.585	/	Pass
		784.5	25	0	4.555	/	Pass
	64QAM	779.5	25	0	4.556	/	Pass
		782	25	0	4.573	/	Pass
		784.5	25	0	4.568	/	Pass
10	QPSK	782	50	0	9.071	/	Pass
	16QAM	782	50	0	9.093	/	Pass
	64QAM	782	50	0	9.093	/	Pass

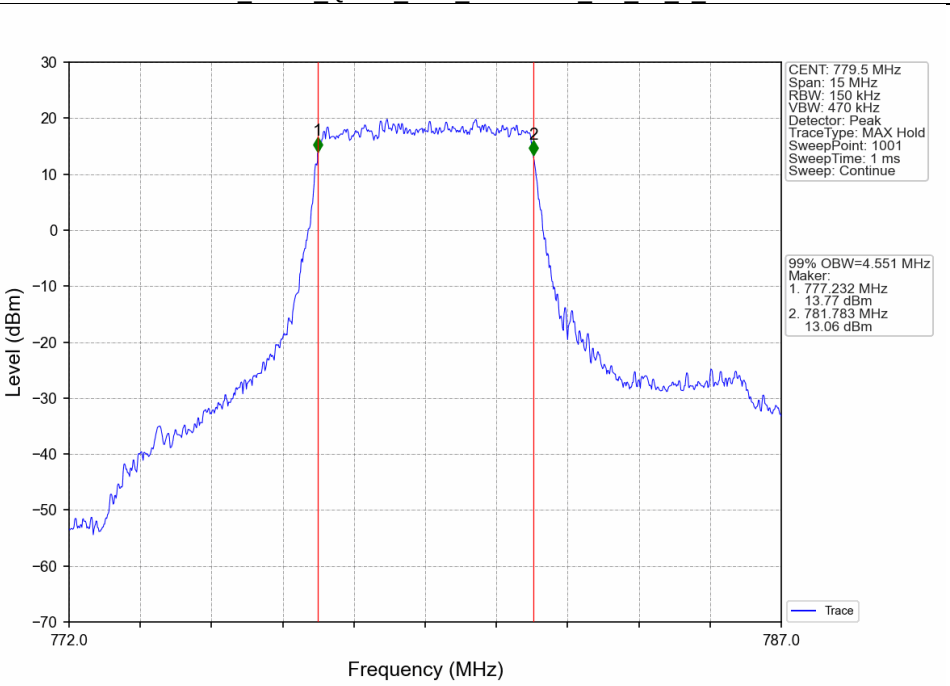
3.1.2 Band13_XDB

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.224	/	Pass
		782	25	0	5.211	/	Pass
		784.5	25	0	5.274	/	Pass
	16QAM	779.5	25	0	5.239	/	Pass
		782	25	0	5.258	/	Pass
		784.5	25	0	5.270	/	Pass
	64QAM	779.5	25	0	5.262	/	Pass
		782	25	0	5.306	/	Pass
		784.5	25	0	5.168	/	Pass
10	QPSK	782	50	0	10.212	/	Pass
	16QAM	782	50	0	10.181	/	Pass
	64QAM	782	50	0	10.128	/	Pass

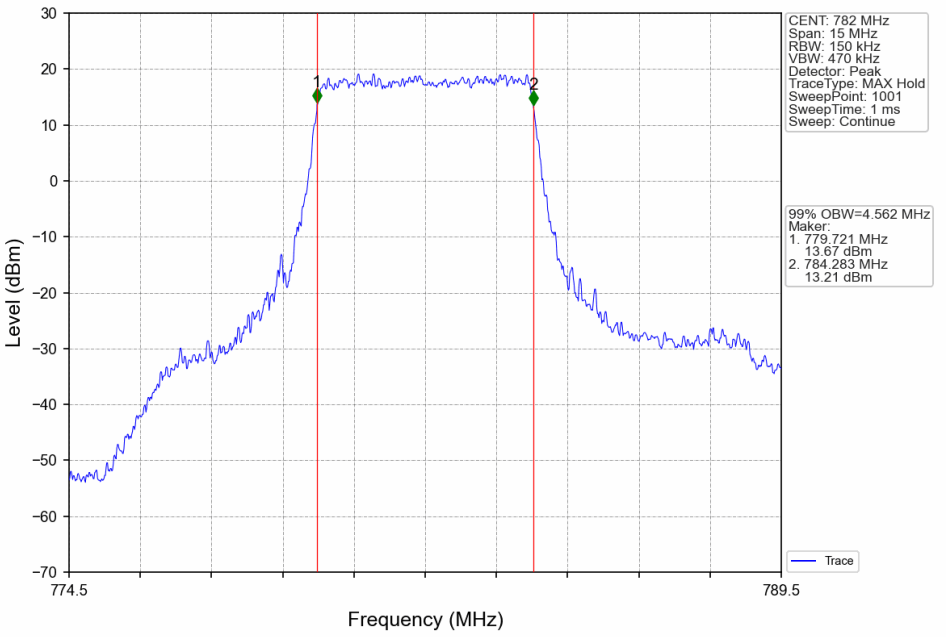
3.2 Test Graph

3.2.1 Band13_OBW

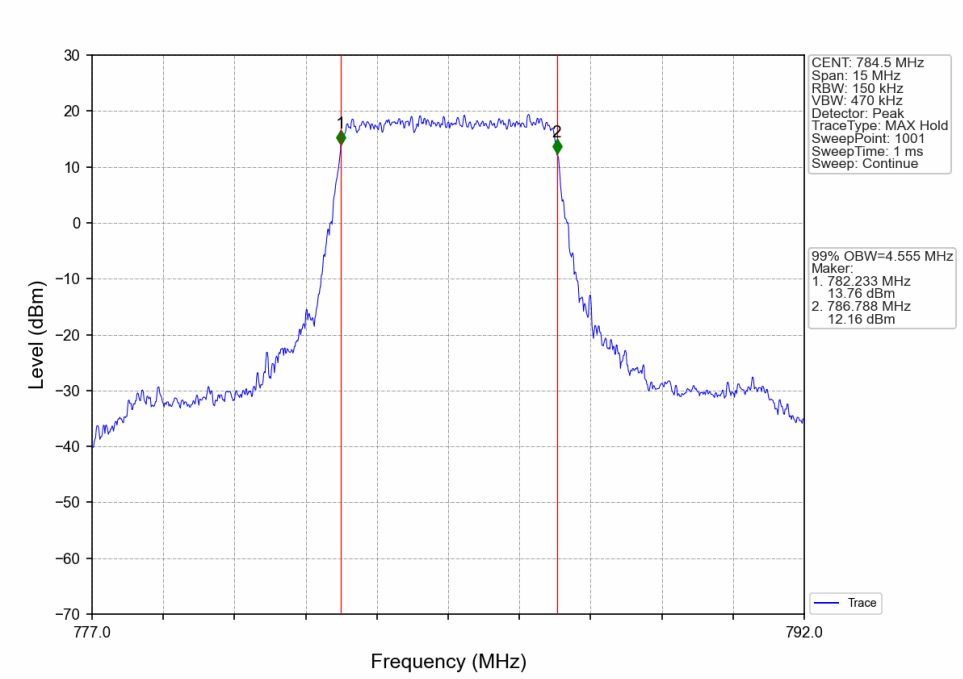
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



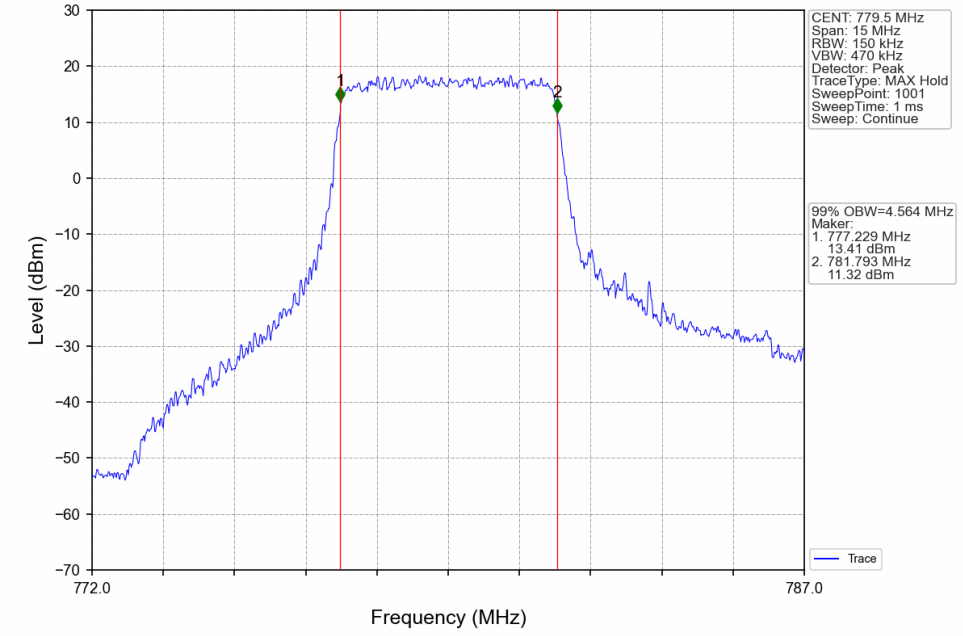
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



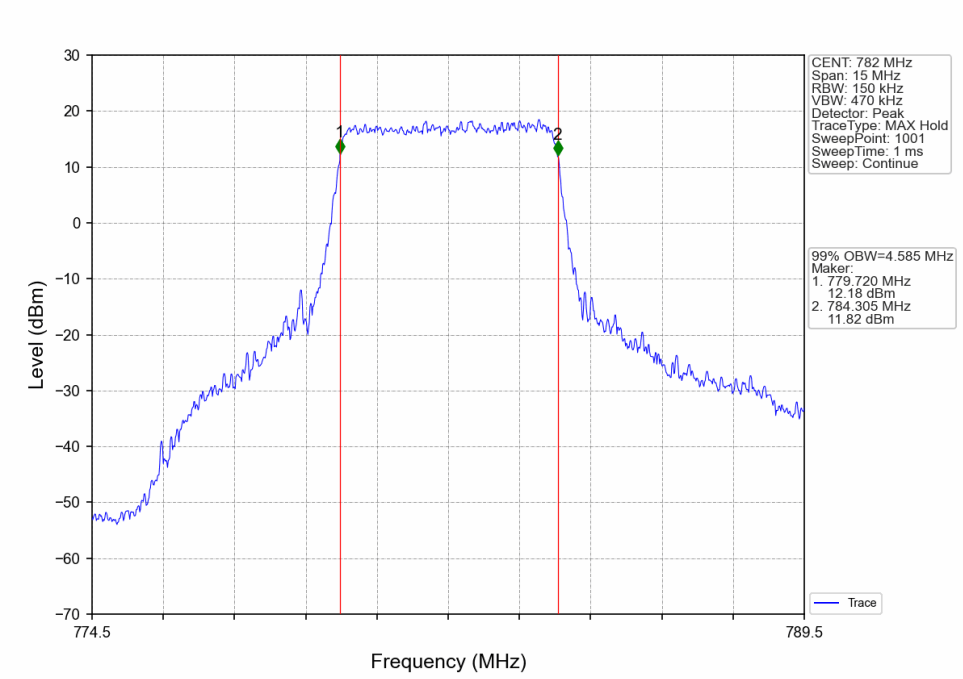
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



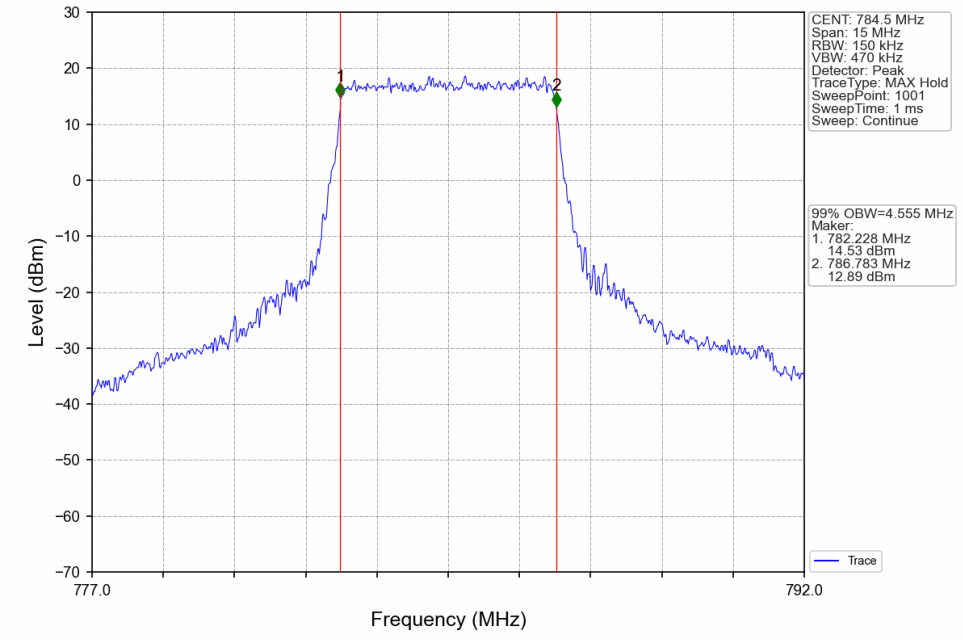
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



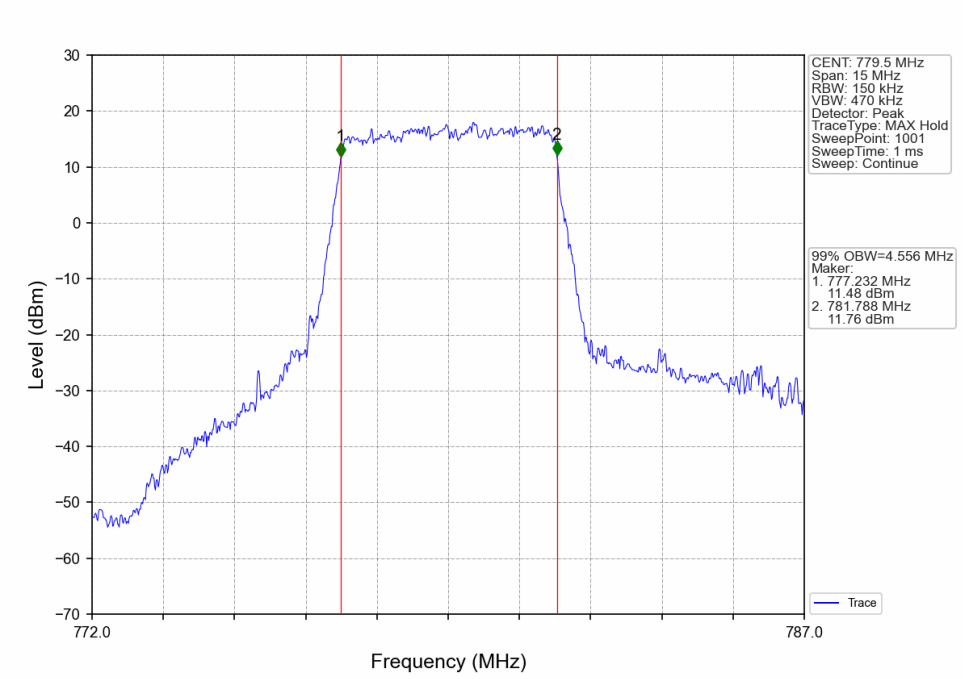
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



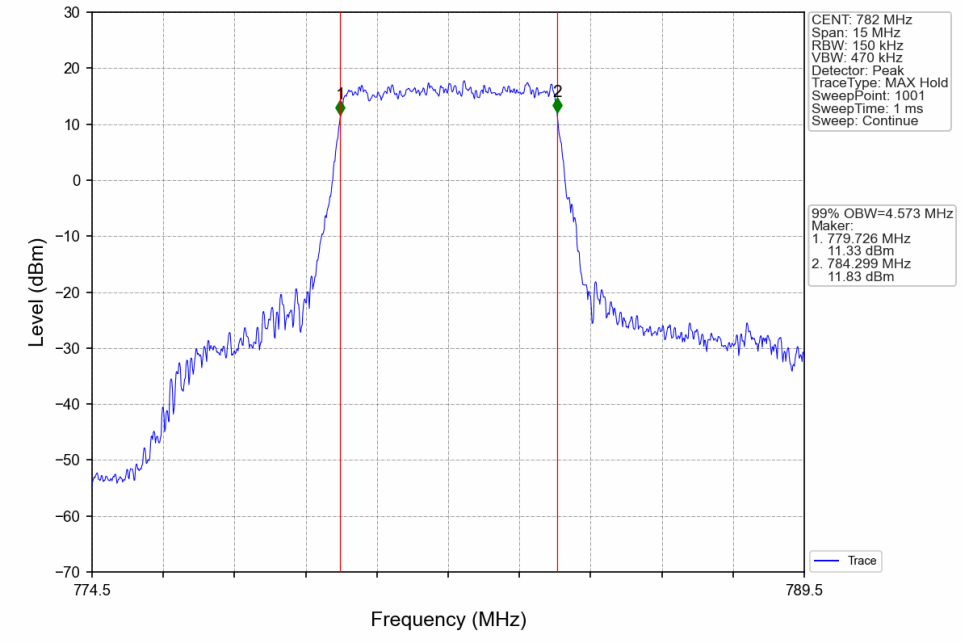
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



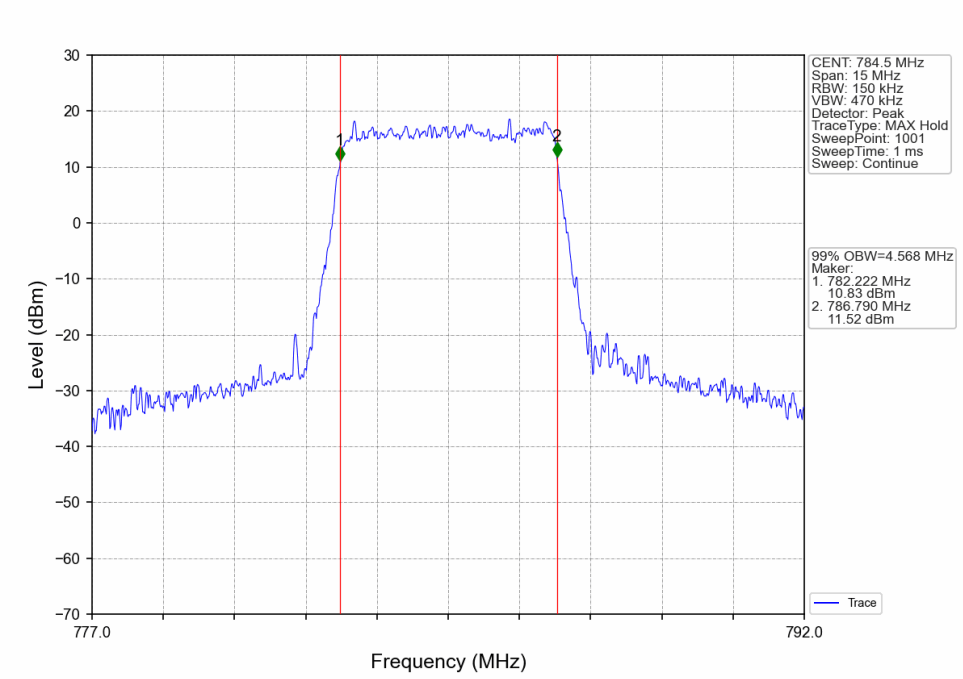
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



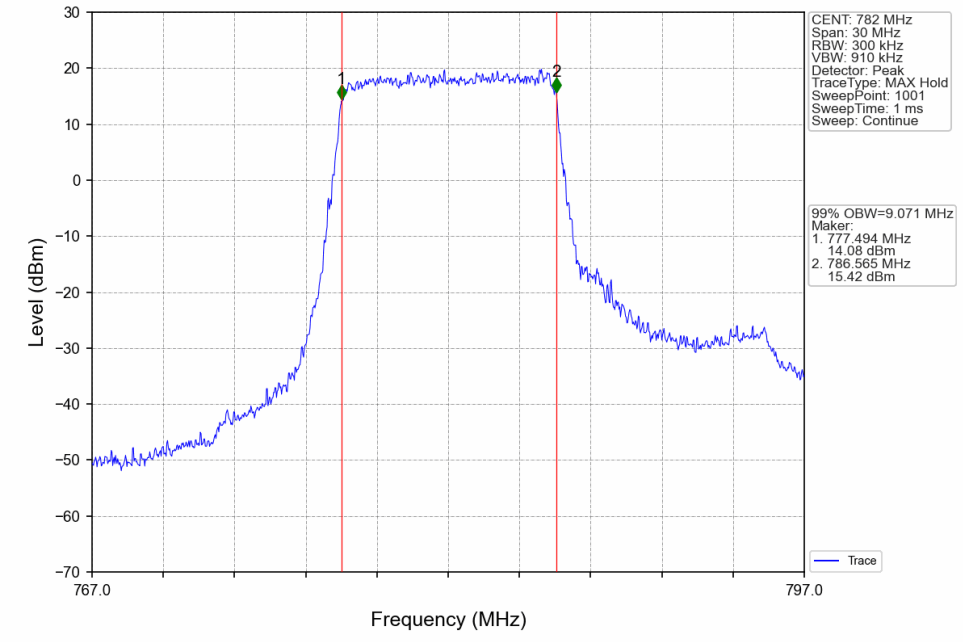
Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



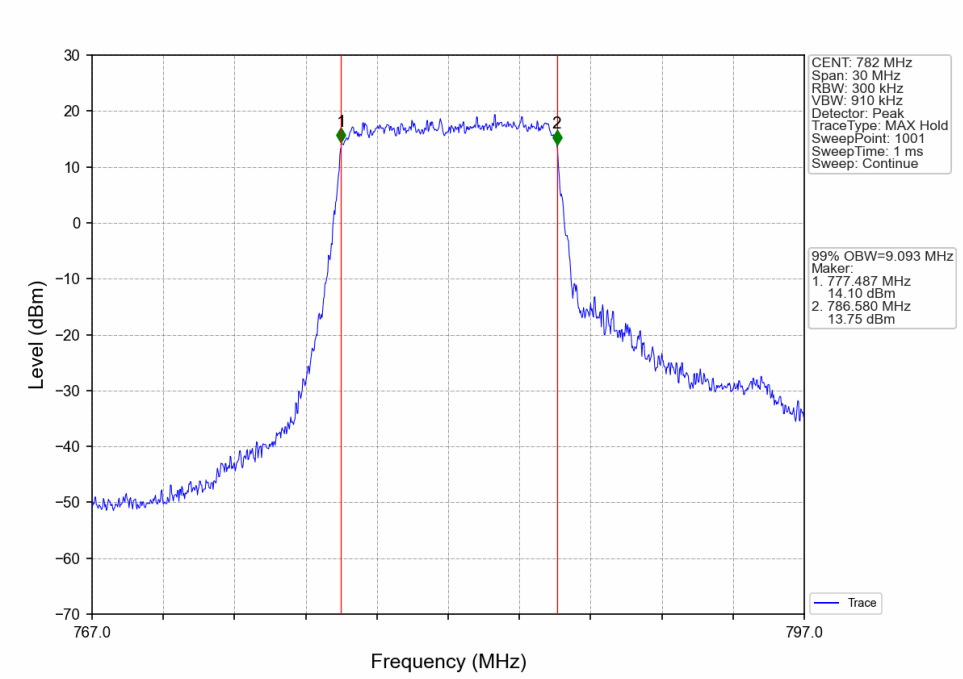
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



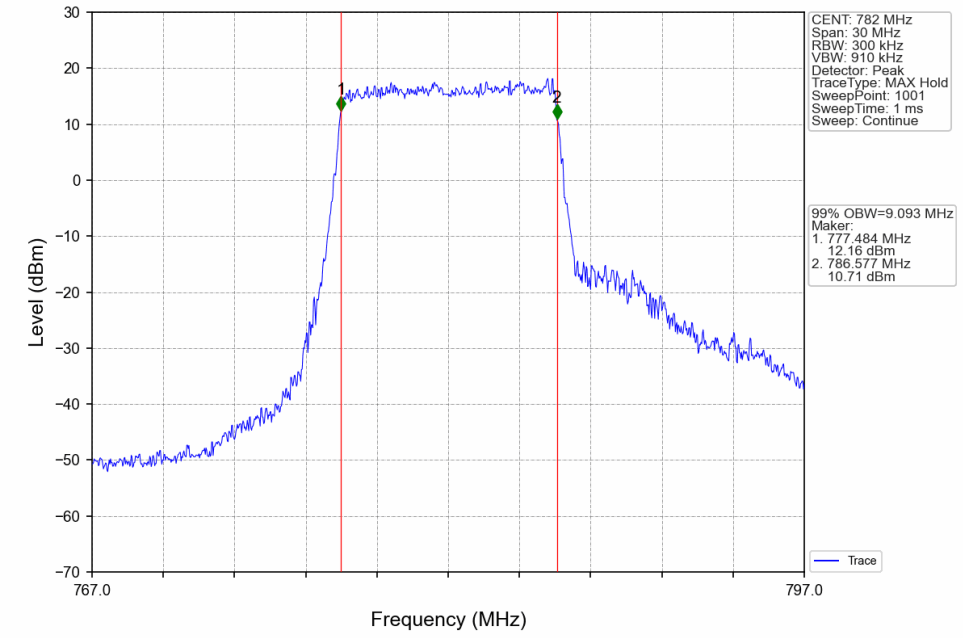
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV

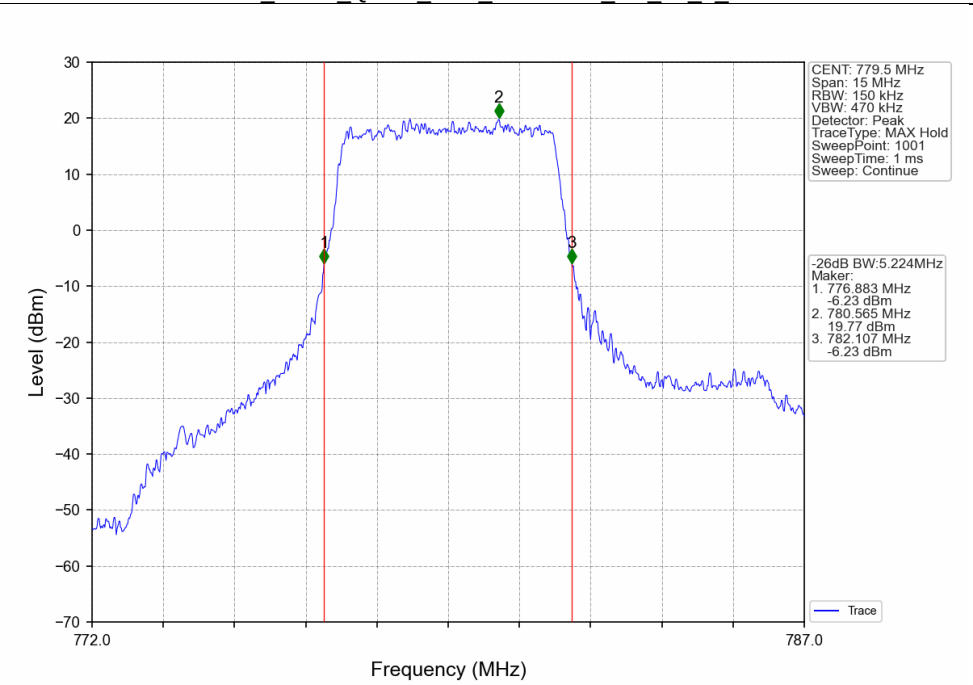


Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV

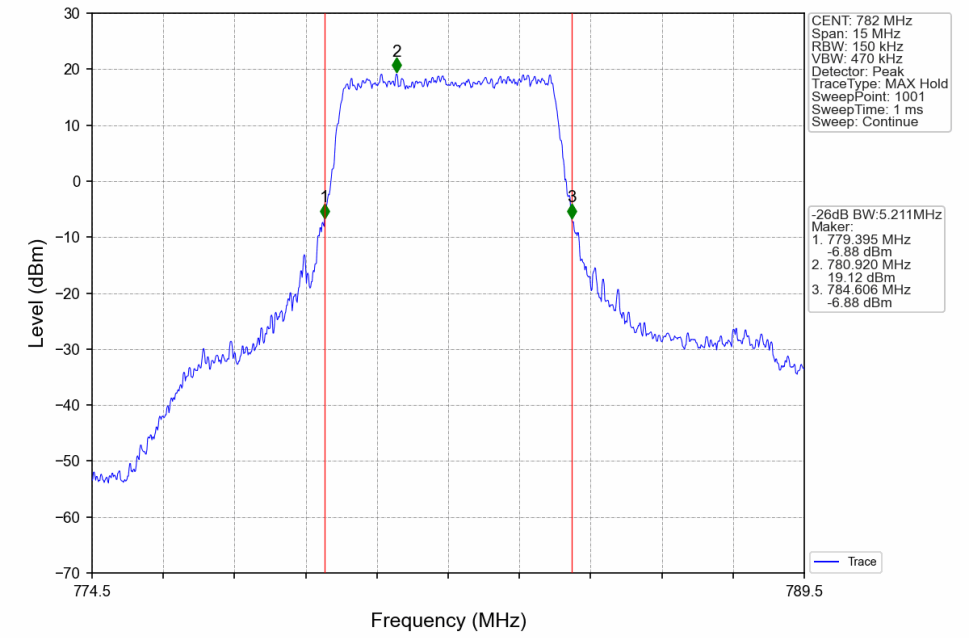


3.2.2 Band13_XDB

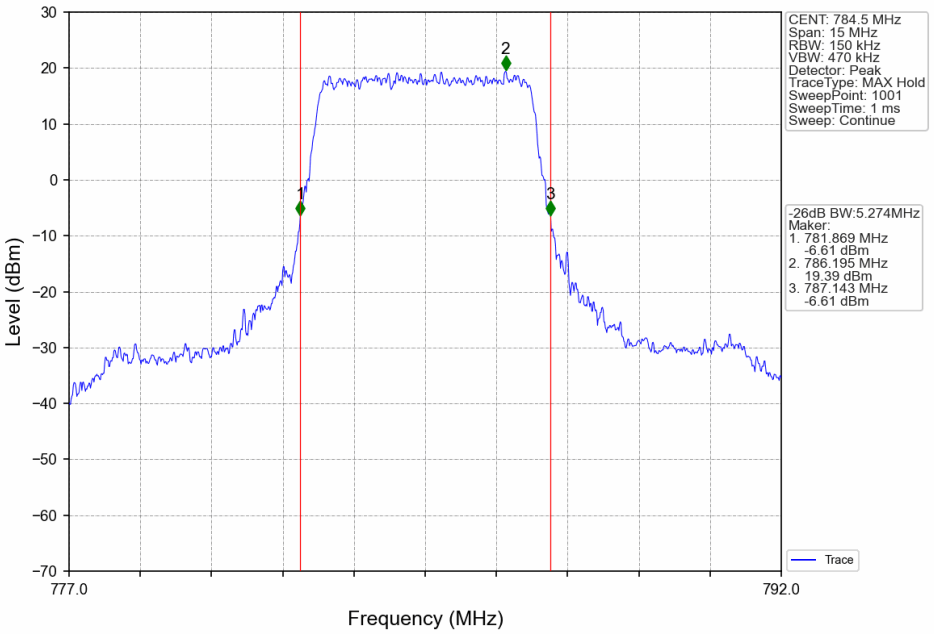
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



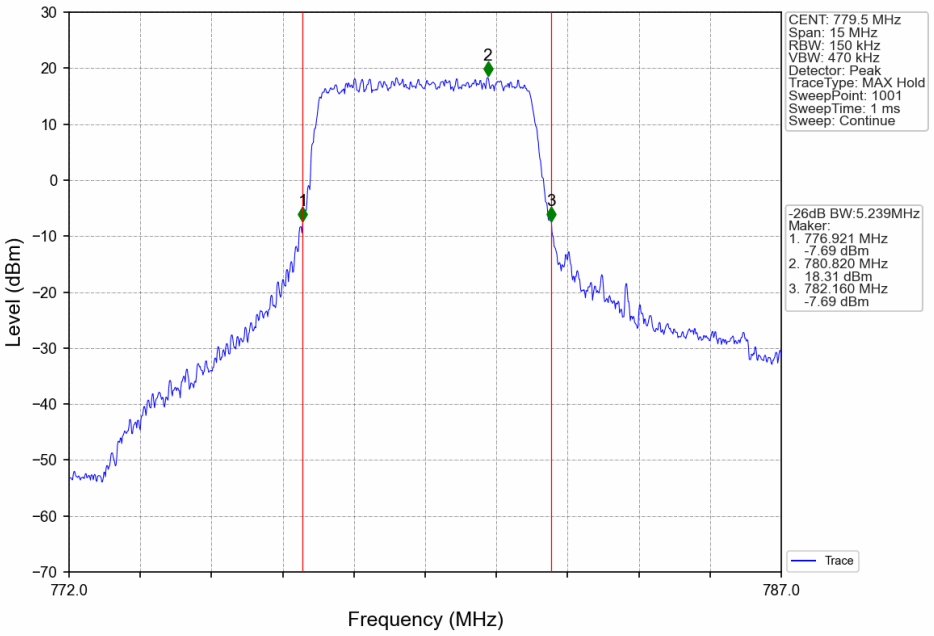
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



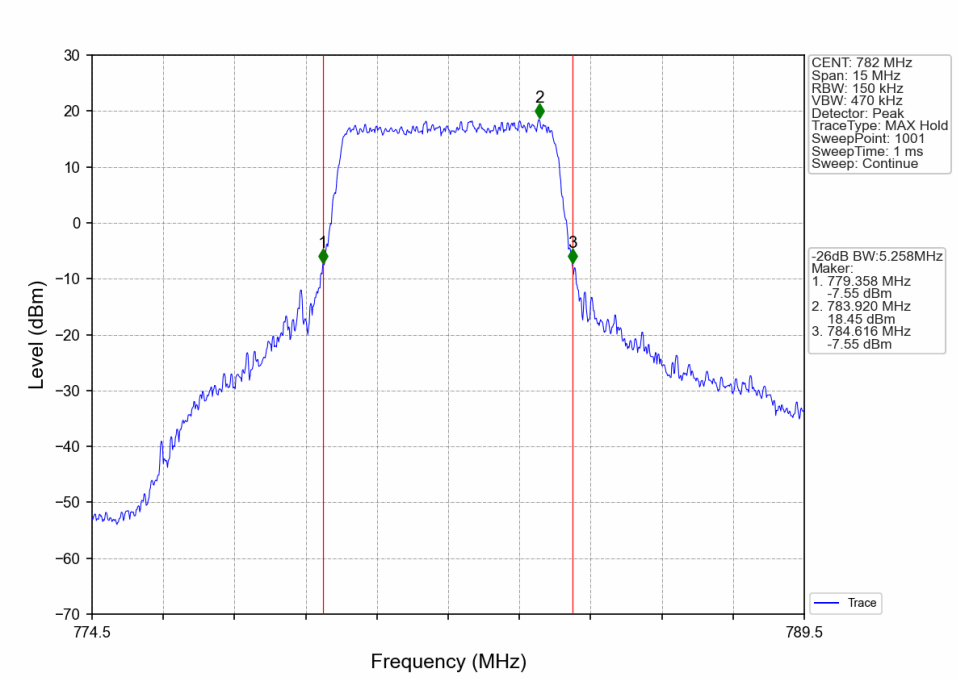
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



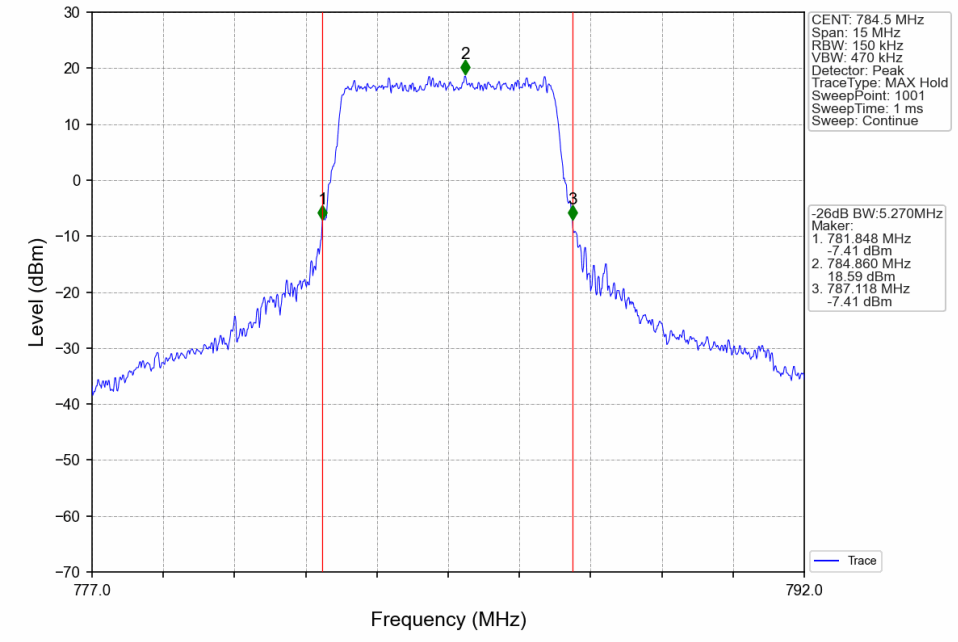
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



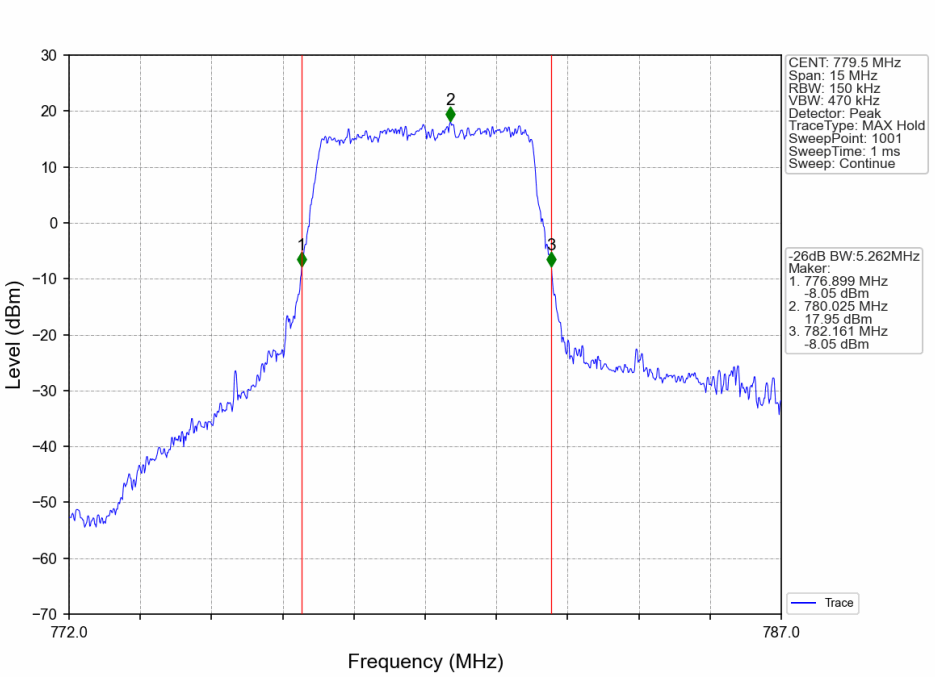
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



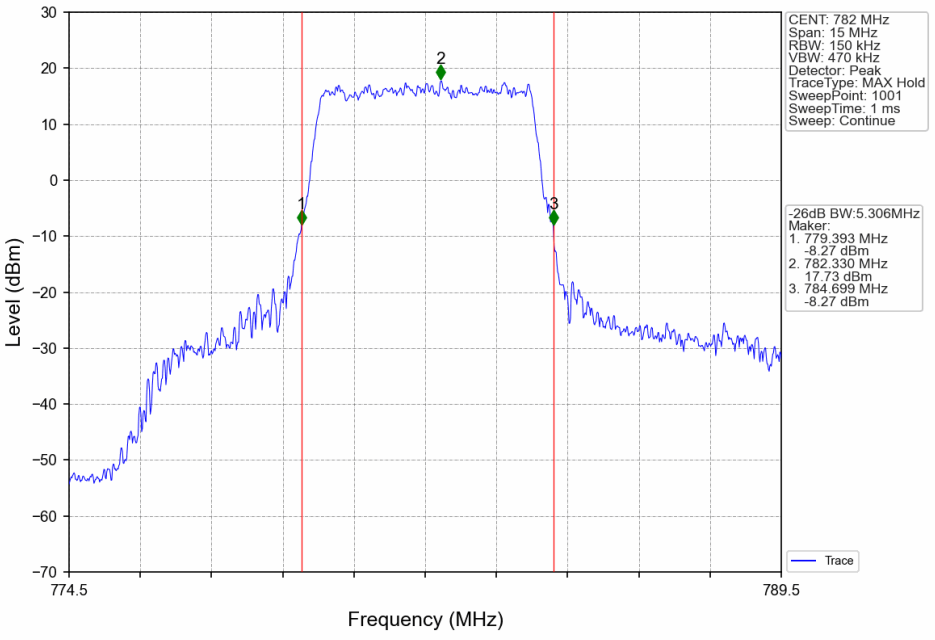
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



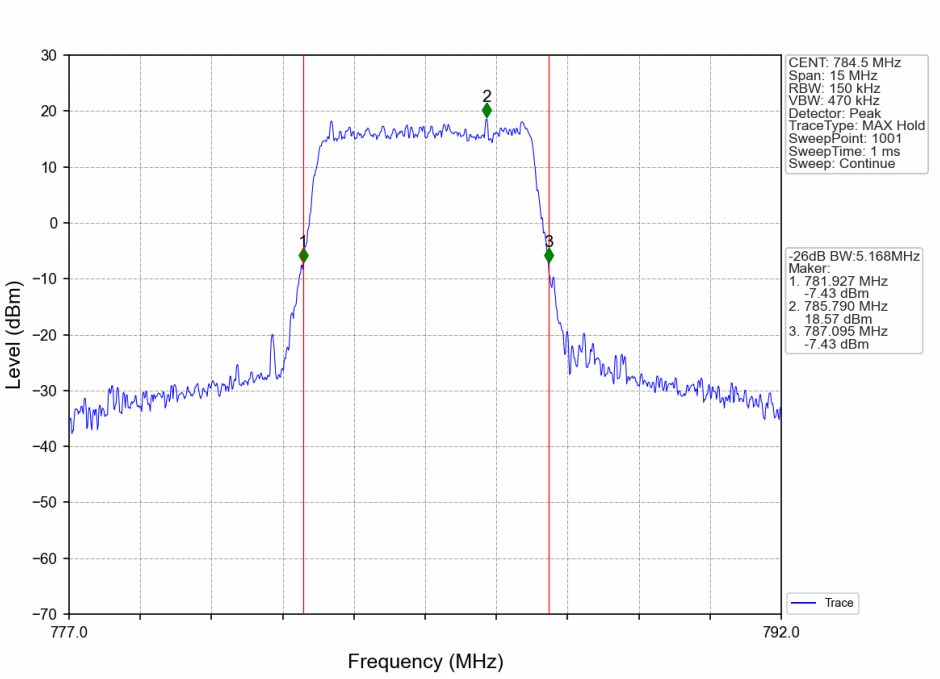
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



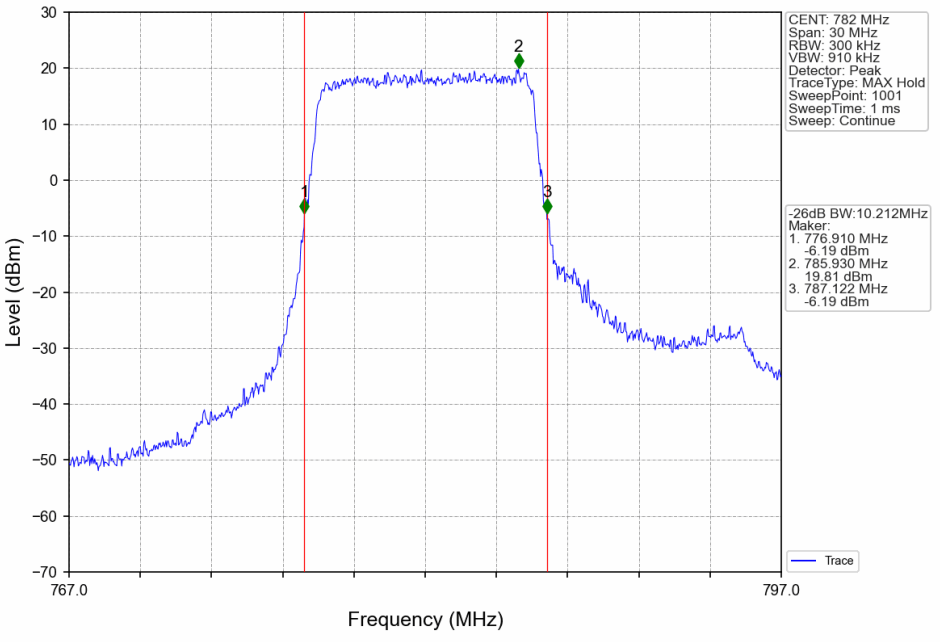
Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



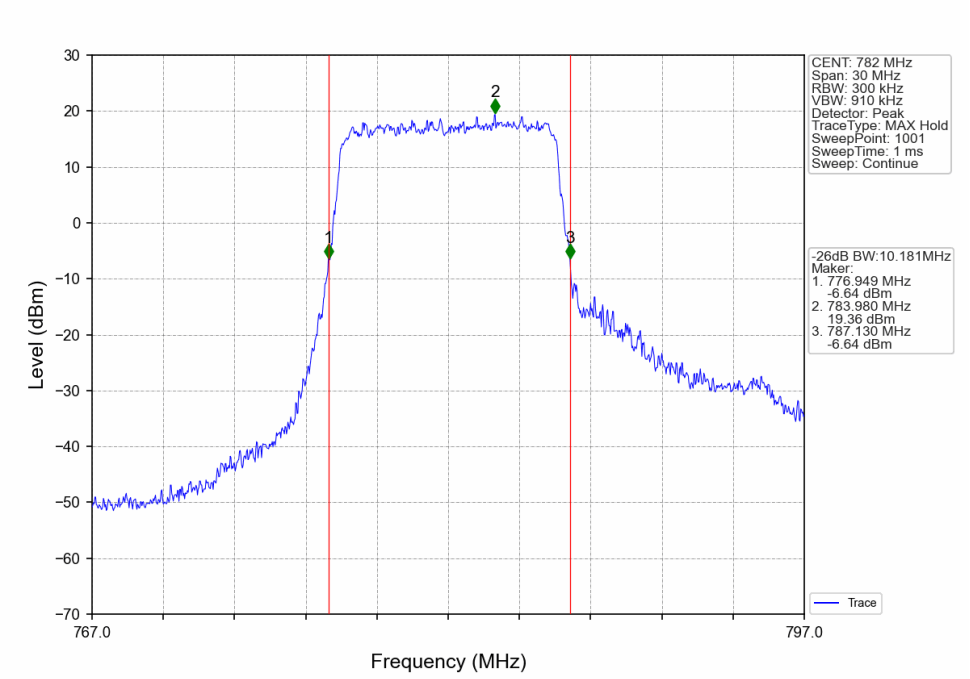
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



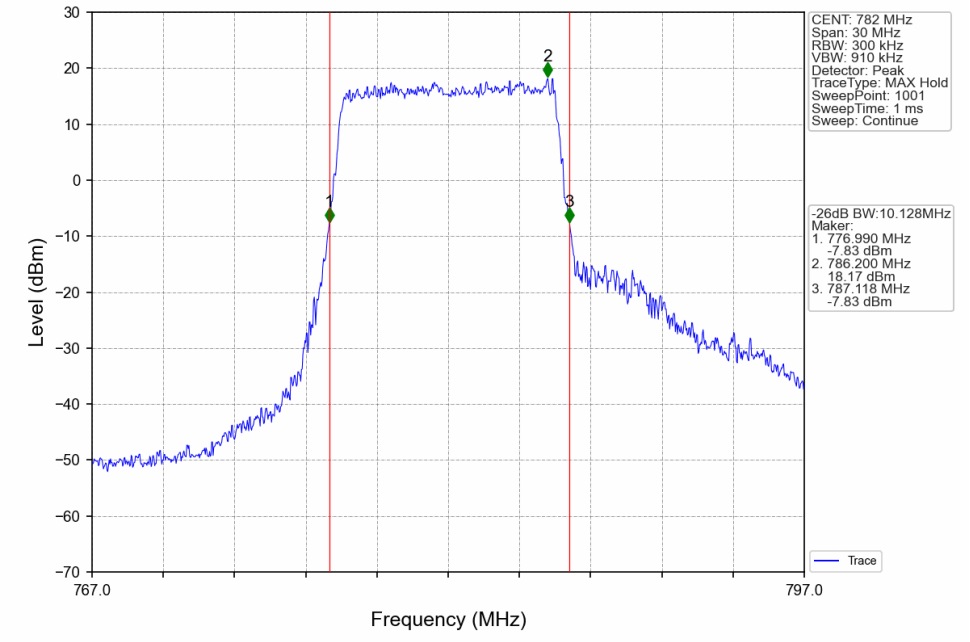
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B13_5MHz

Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	25	0	4.92	<=13	Pass
	782	25	0	4.87	<=13	Pass
	784.5	25	0	4.79	<=13	Pass
16QAM	779.5	25	0	5.95	<=13	Pass
	782	25	0	5.92	<=13	Pass
	784.5	25	0	5.86	<=13	Pass
64QAM	779.5	25	0	9.08	<=13	Pass
	782	25	0	8.98	<=13	Pass
	784.5	25	0	8.75	<=13	Pass

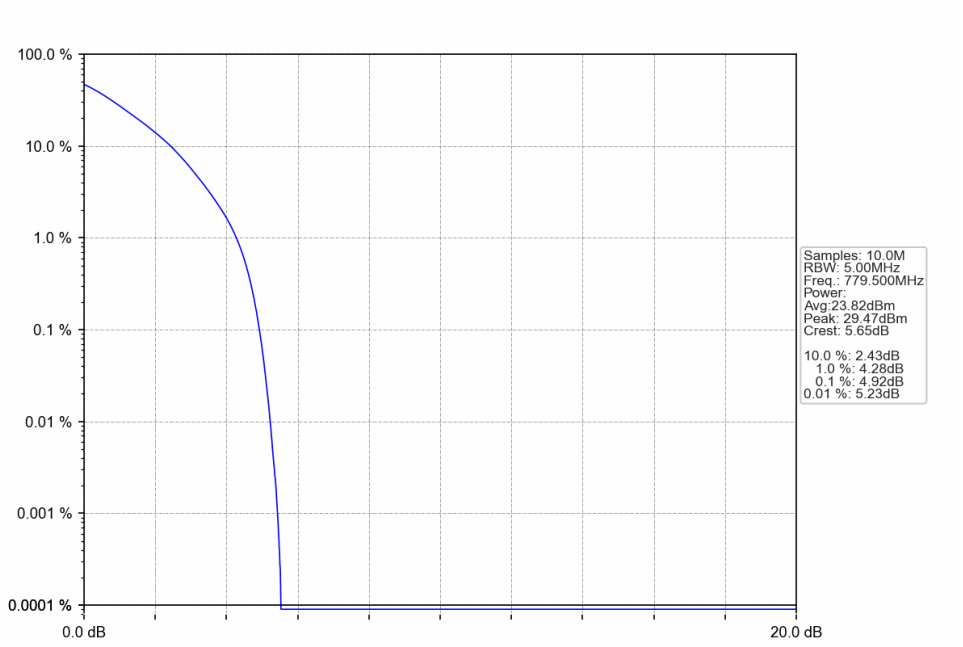
4.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	782	50	0	5.09	<=13	Pass
16QAM	782	50	0	6.06	<=13	Pass
64QAM	782	50	0	6.53	<=13	Pass

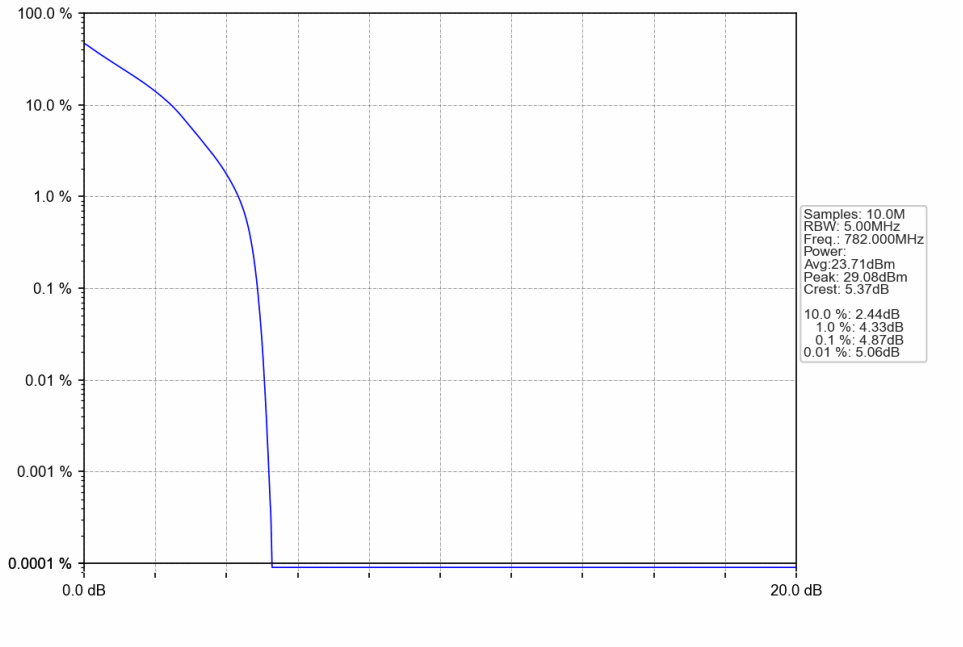
4.2 Test Graph

4.2.1 B13_5MHz

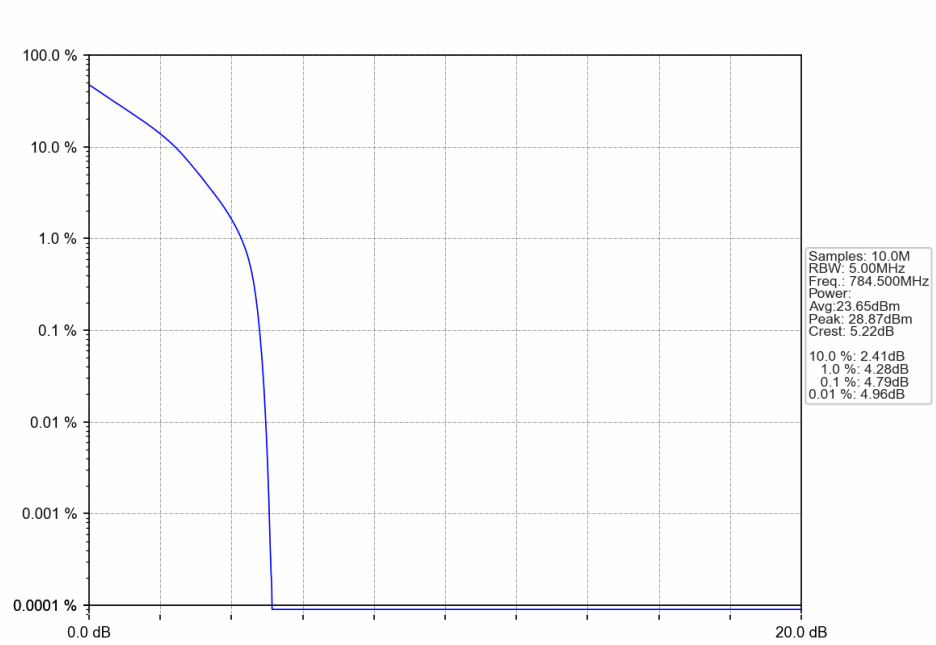
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



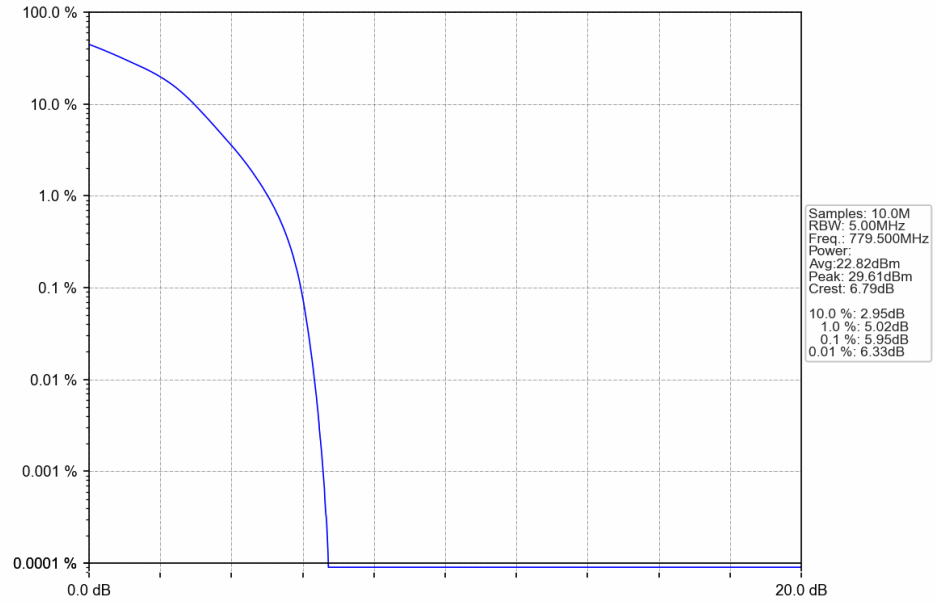
Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



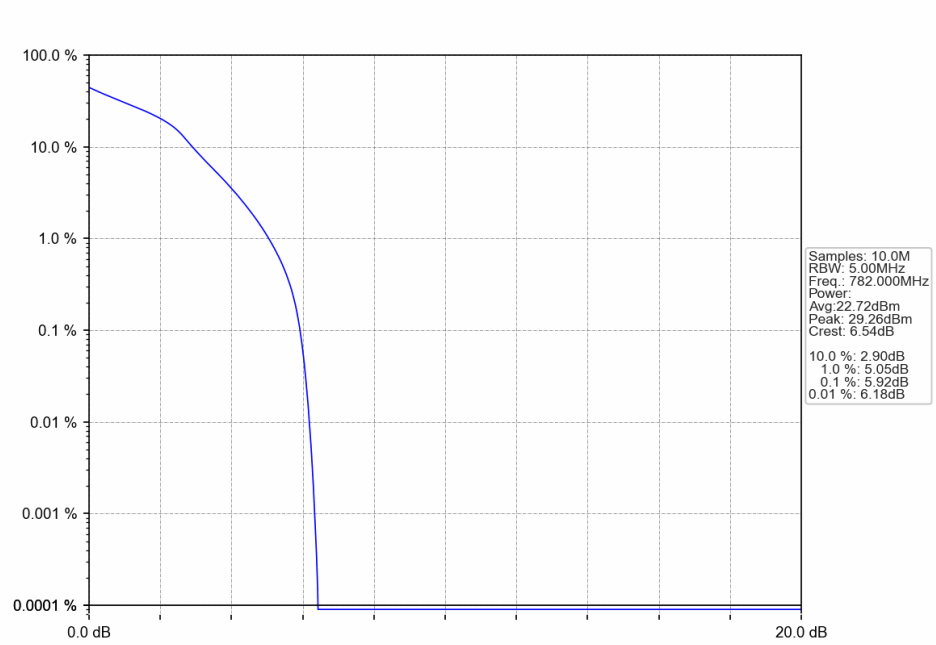
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



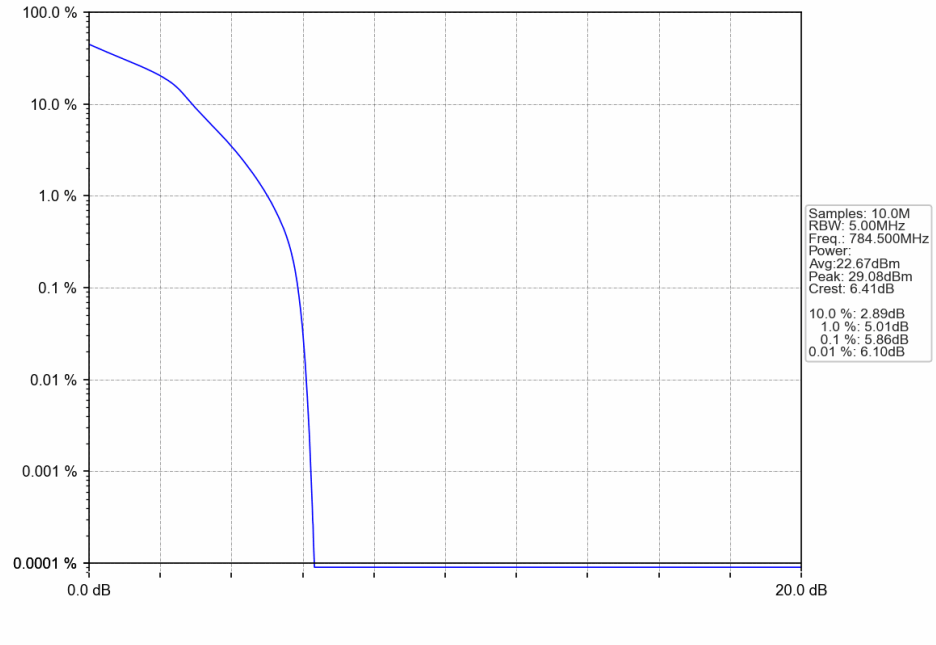
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



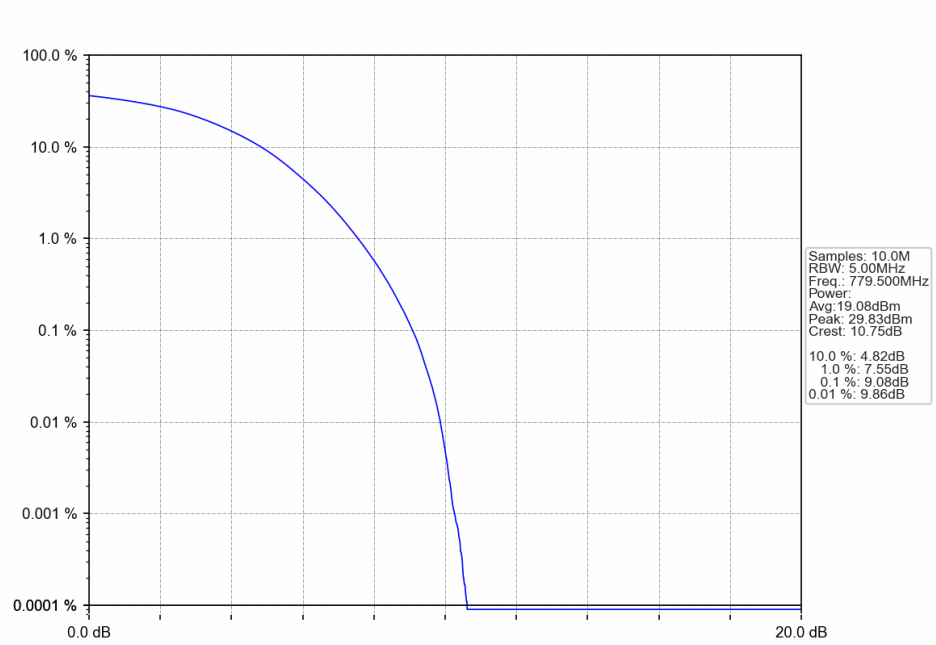
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



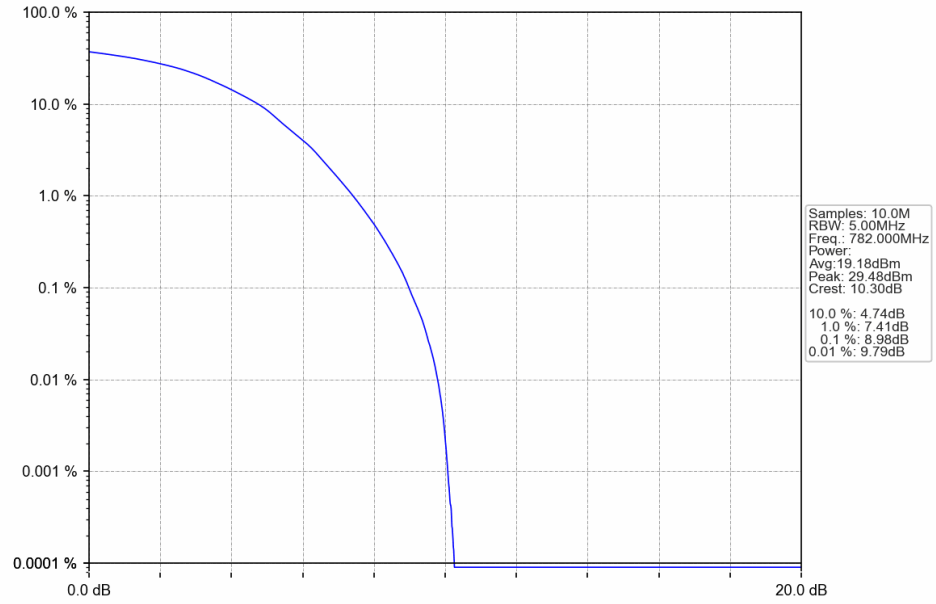
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



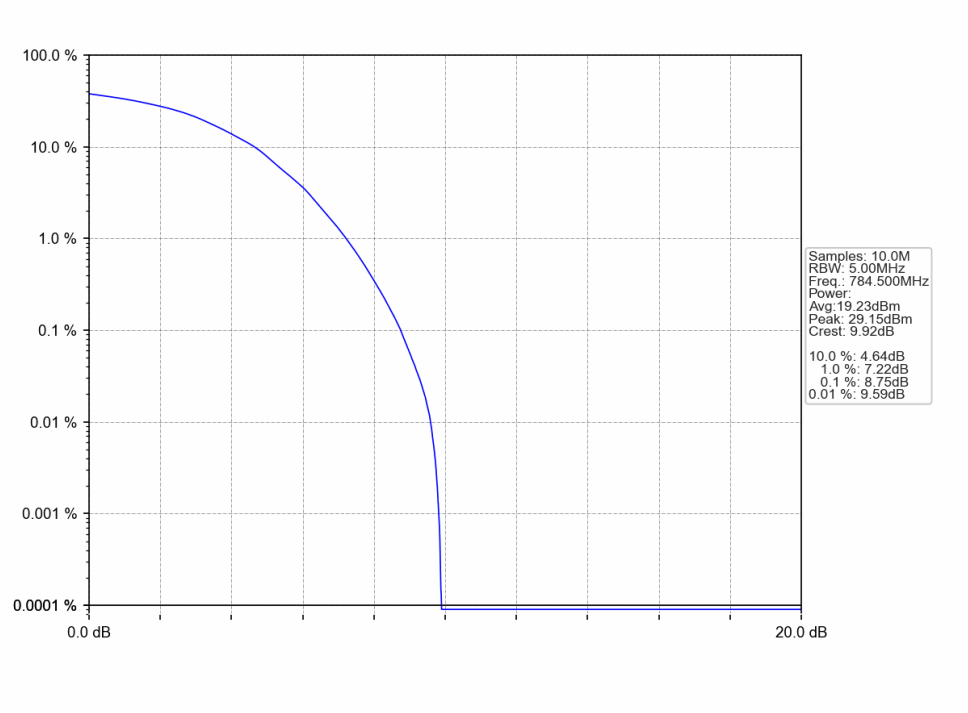
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV

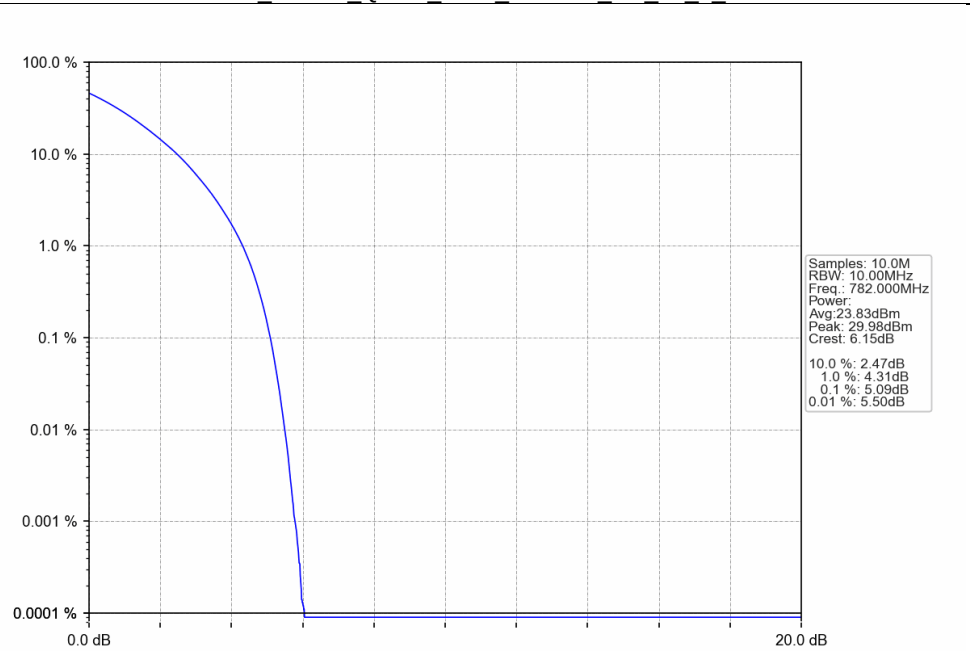


Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV

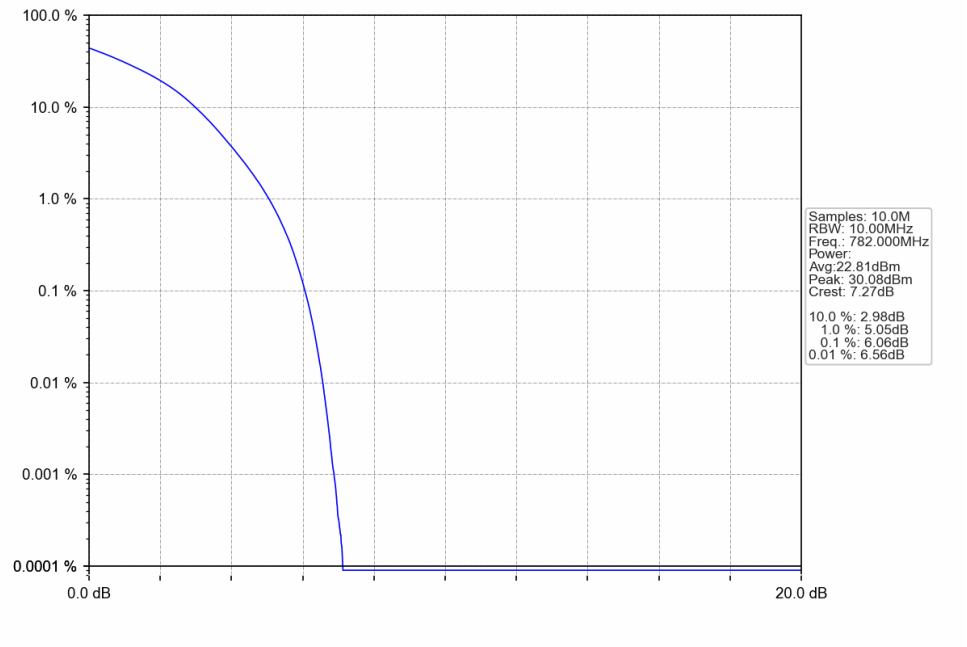


4.2.2 B13_10MHz

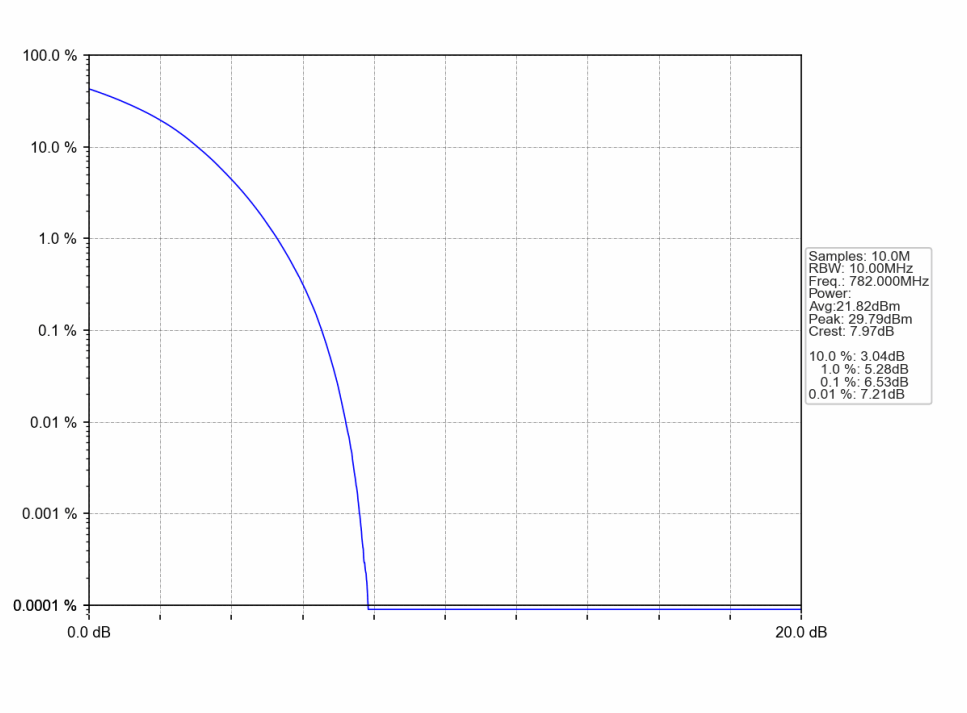
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B13_5MHz

Band: 13 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	779.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	782	1	0	Refer To Test Graph		Pass
	784.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

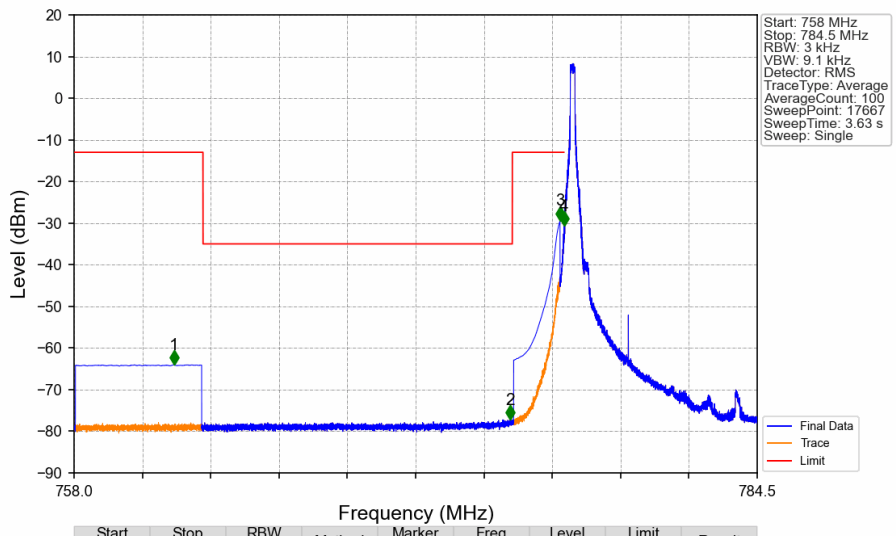
5.1.2 B13_10MHz

Band: 13 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	782	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	782	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.2 Test Graph

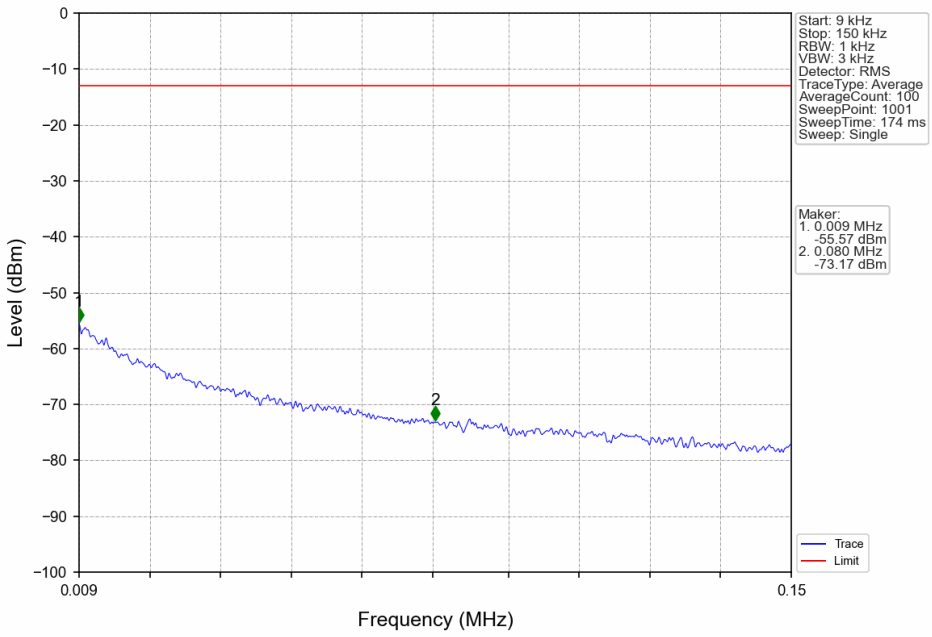
5.2.1 B13_5MHz

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

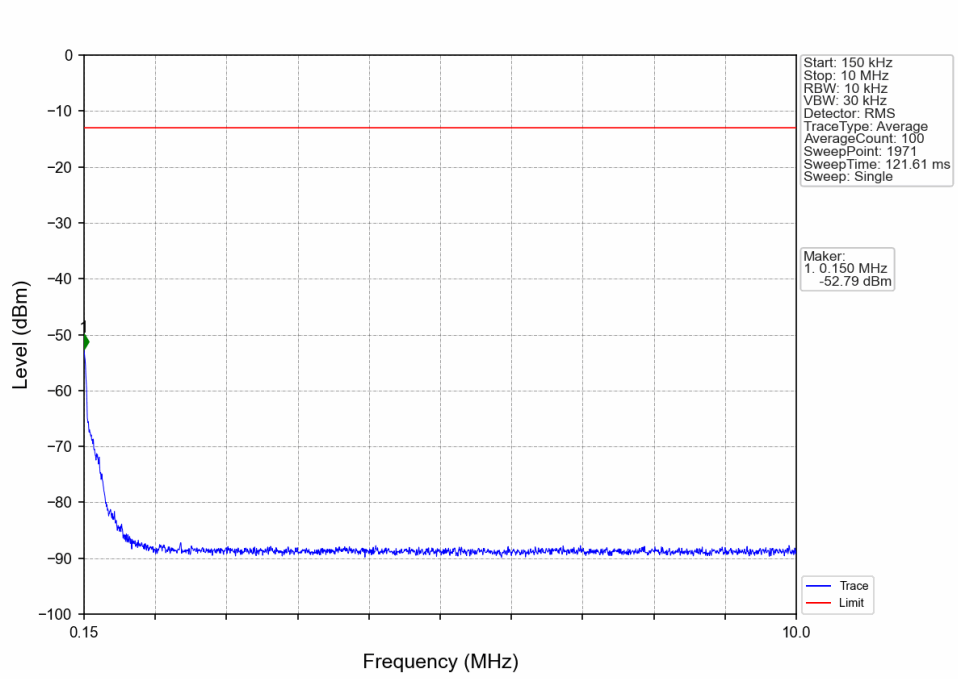


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.878	-64.03	-13	Pass
763	775	0.00625	/	2	774.918	-77.24	-35	Pass
775	776.9	0.1	CHP	3	776.850	-29.40	-13	Pass
776.9	777	0.03	/	4	777.000	-30.64	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

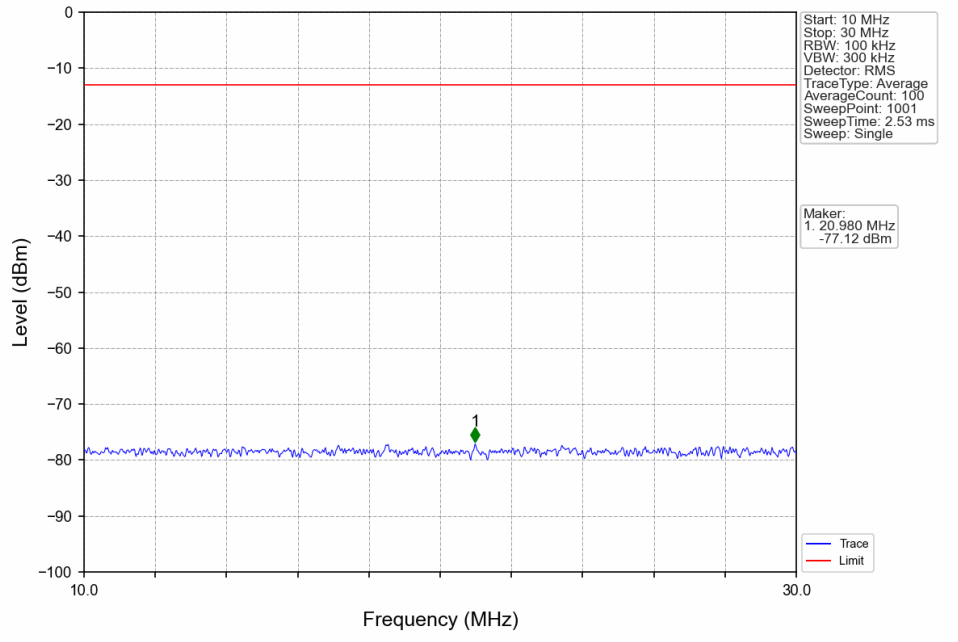
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



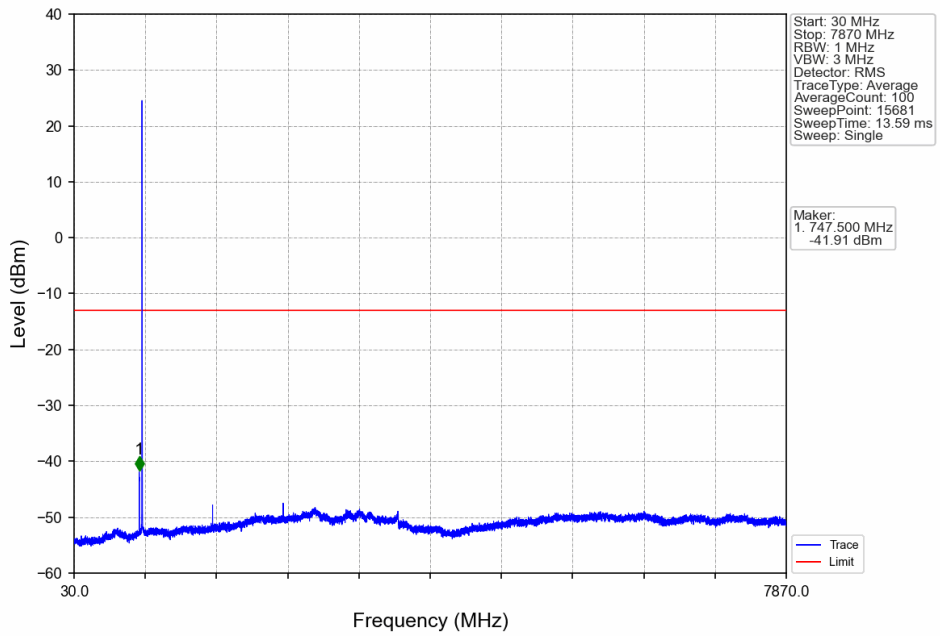
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



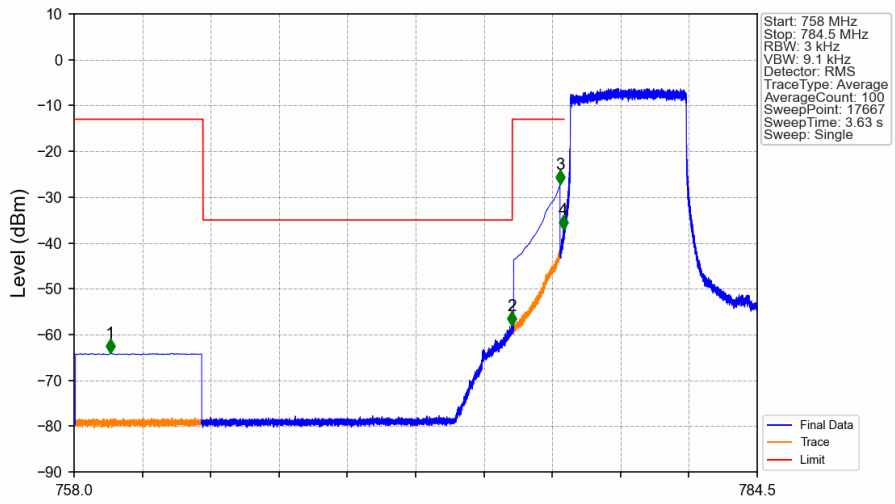
Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

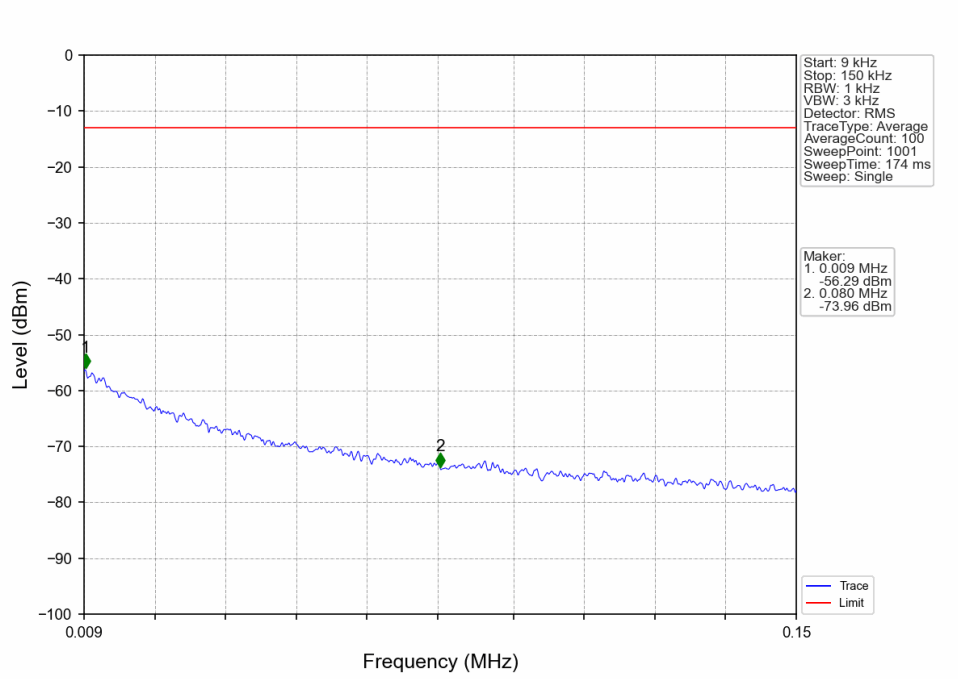


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

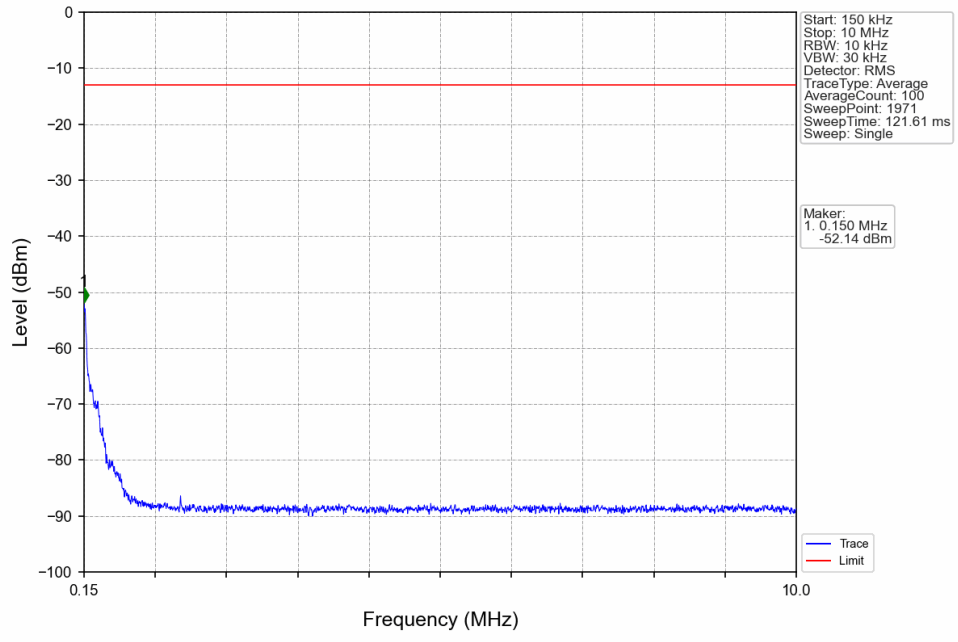


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	759.404	-64.14	-13	Pass
763	775	0.00625	/	2	774.991	-58.09	-35	Pass
775	776.9	0.1	CHP	3	776.850	-27.29	-13	Pass
776.9	777	0.03	/	4	776.973	-37.10	-13	Pass
777	784.5	0.03	/	/	/	/	/	/

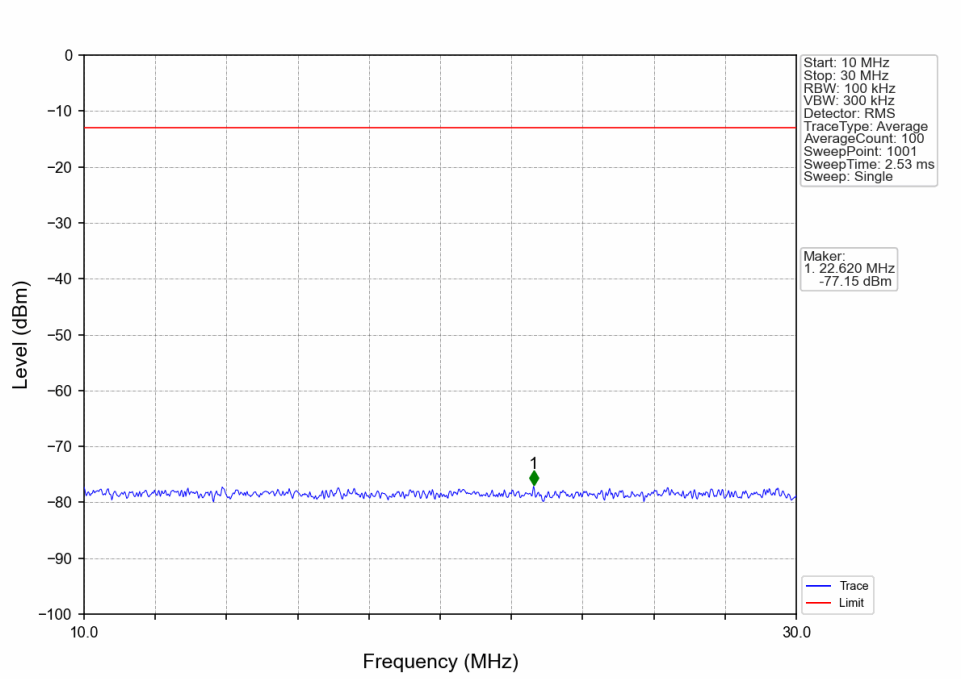
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



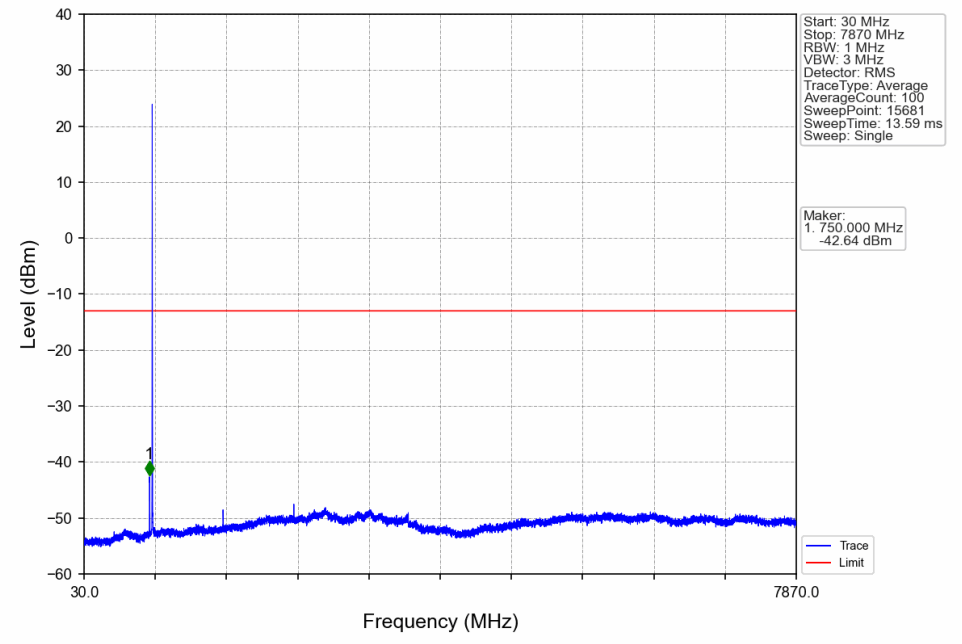
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



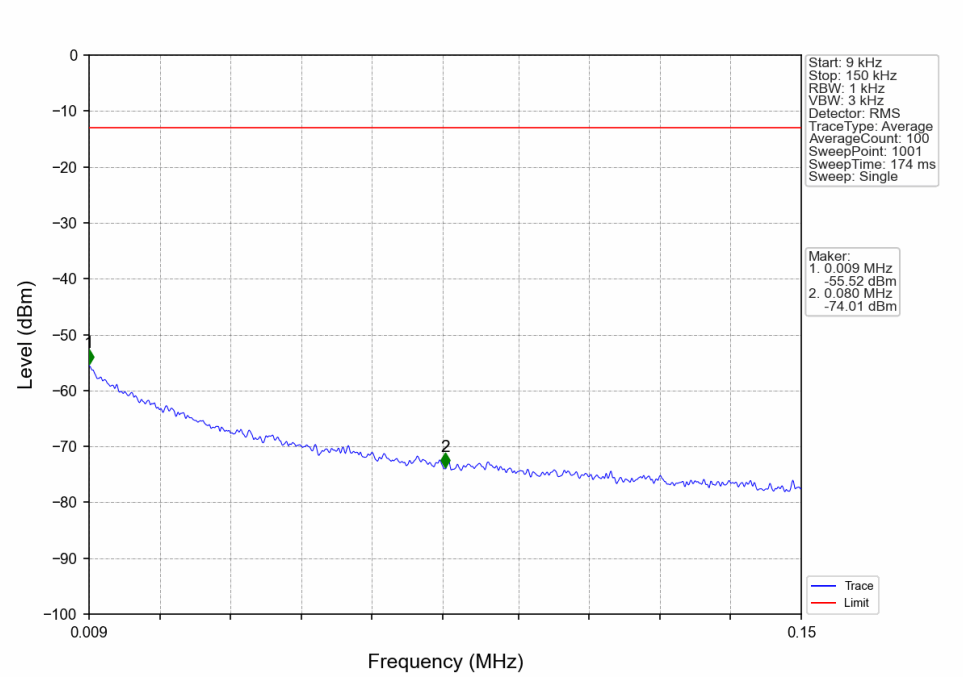
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



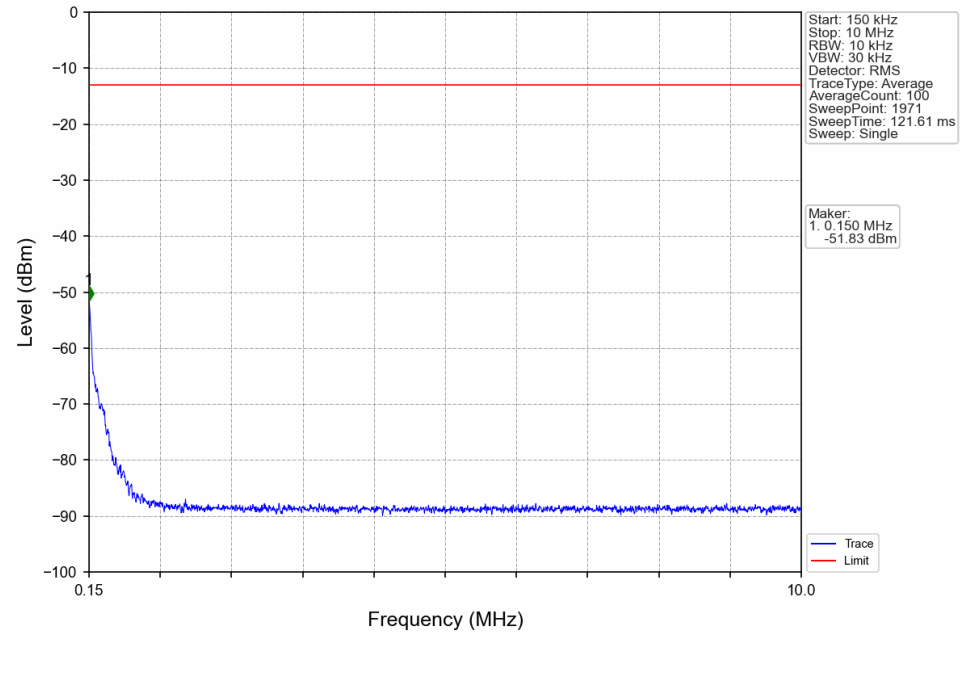
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



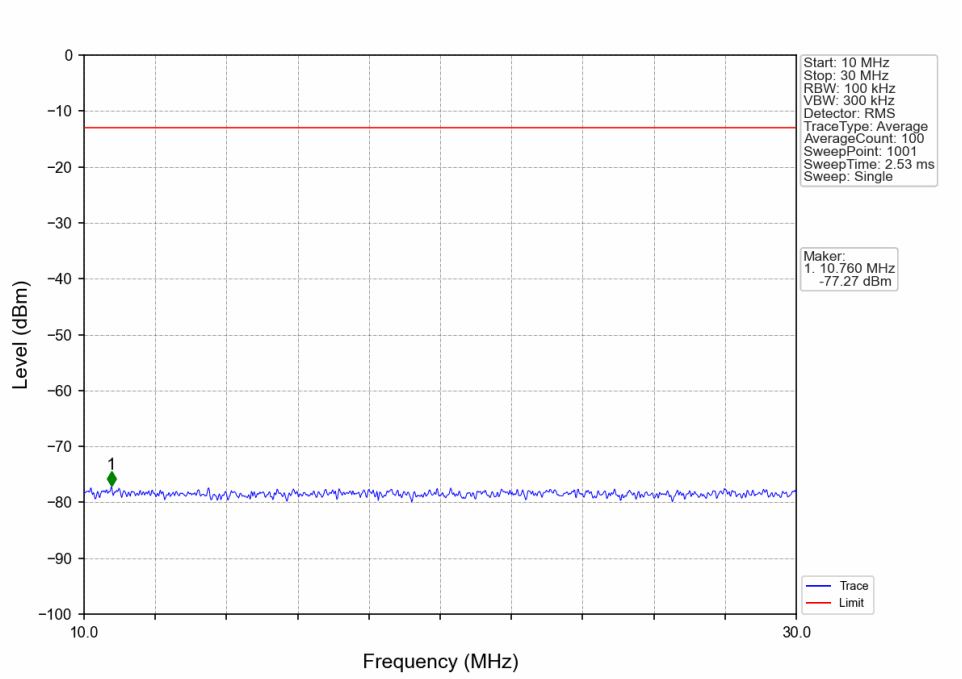
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



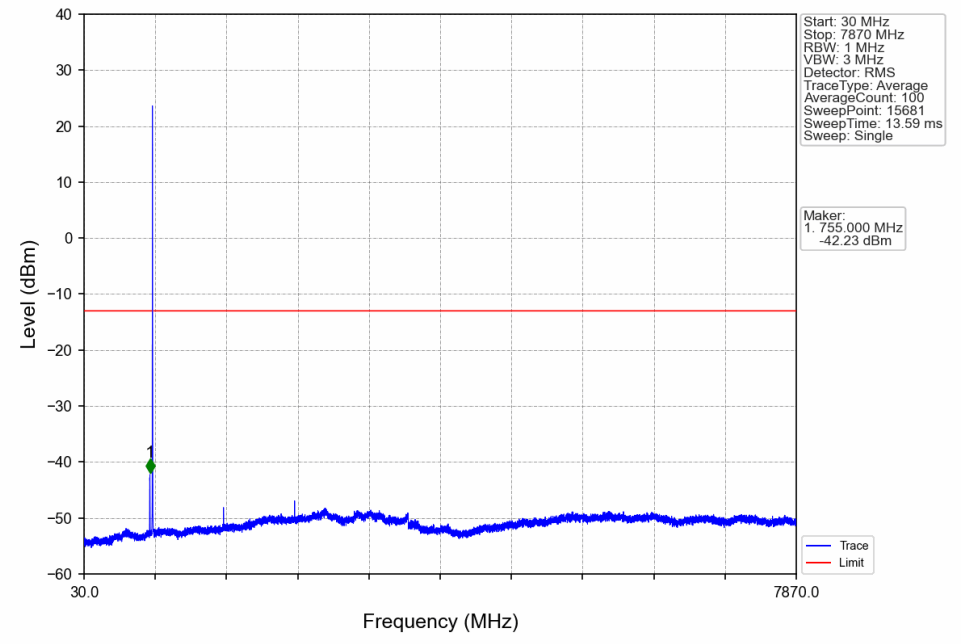
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



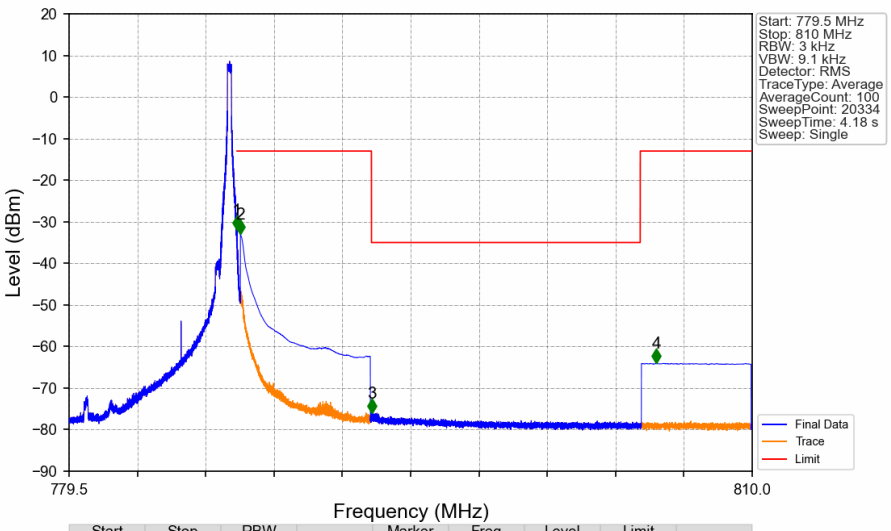
Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

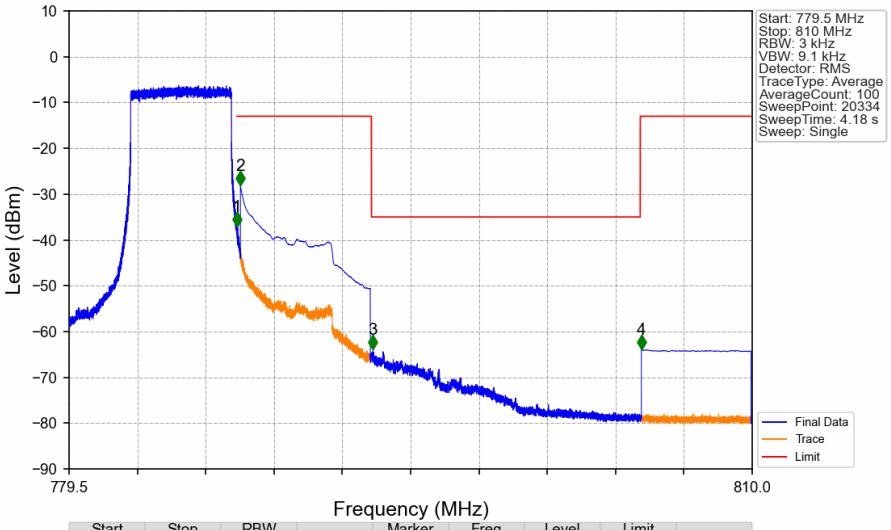


Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.000	-32.06	-13	Pass
787.1	793	0.1	CHP	2	787.150	-33.01	-13	Pass
793	805	0.00625	/	3	793.027	-76.02	-35	Pass
805	810	0.1	CHP	4	805.713	-64.07	-13	Pass

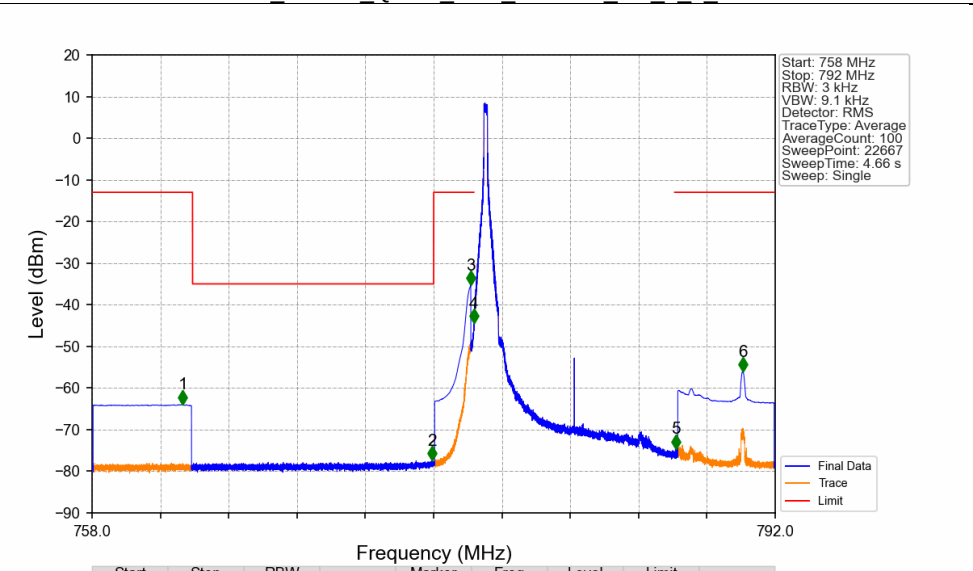
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
779.5	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	1	787.000	-37.04	-13	Pass
787.1	793	0.1	CHP	2	787.150	-28.05	-13	Pass
793	805	0.00625	/	3	793.072	-63.92	-35	Pass
805	810	0.1	CHP	4	805.051	-63.94	-13	Pass

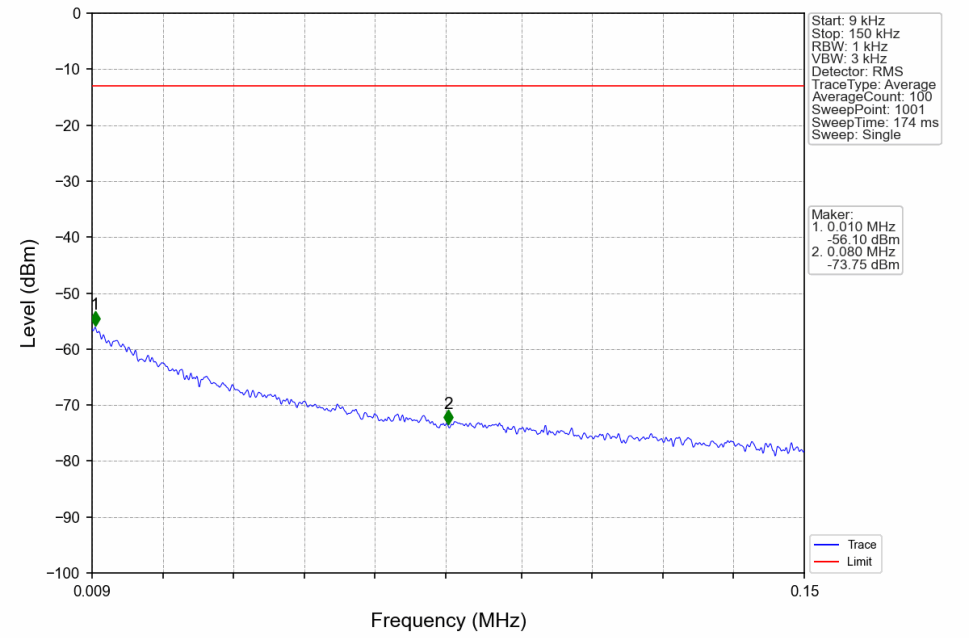
5.2.2 B13_10MHz

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

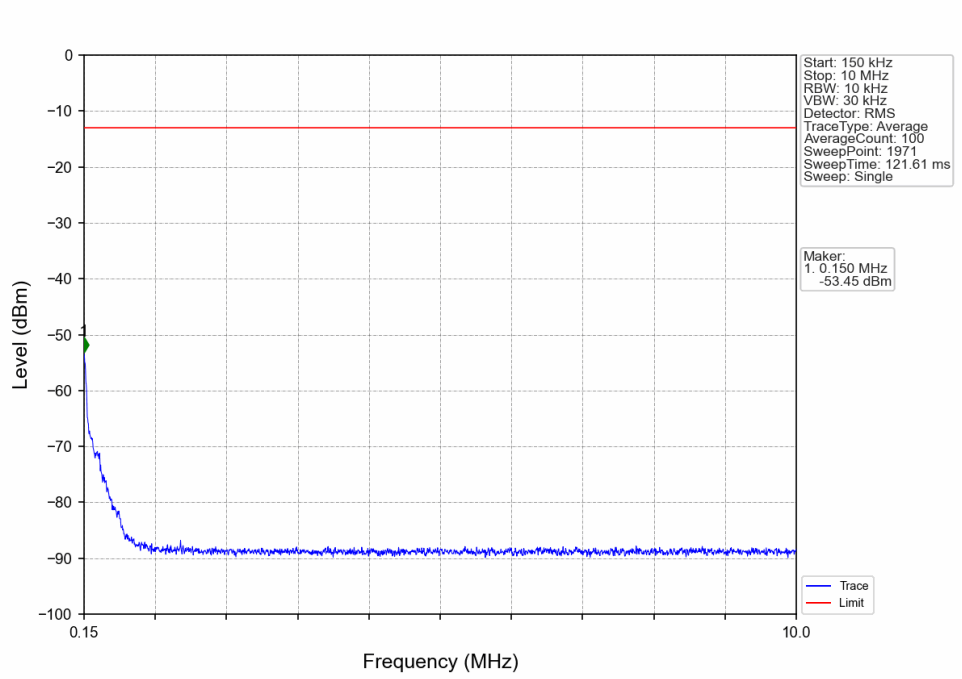


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	762.512	-63.94	-13	Pass
763	775	0.00625	/	2	774.911	-77.45	-35	Pass
775	776.9	0.1	CHP	3	776.850	-35.33	-13	Pass
776.9	777	0.03	/	4	777.000	-44.50	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.065	-74.59	-13	Pass
787.1	792	0.1	CHP	6	790.381	-56.13	-13	Pass

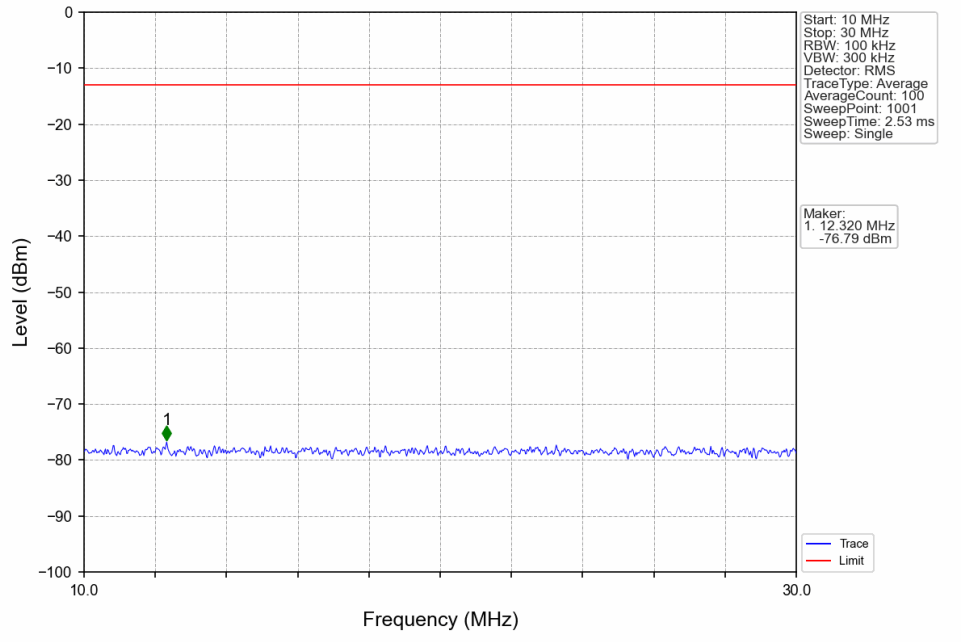
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



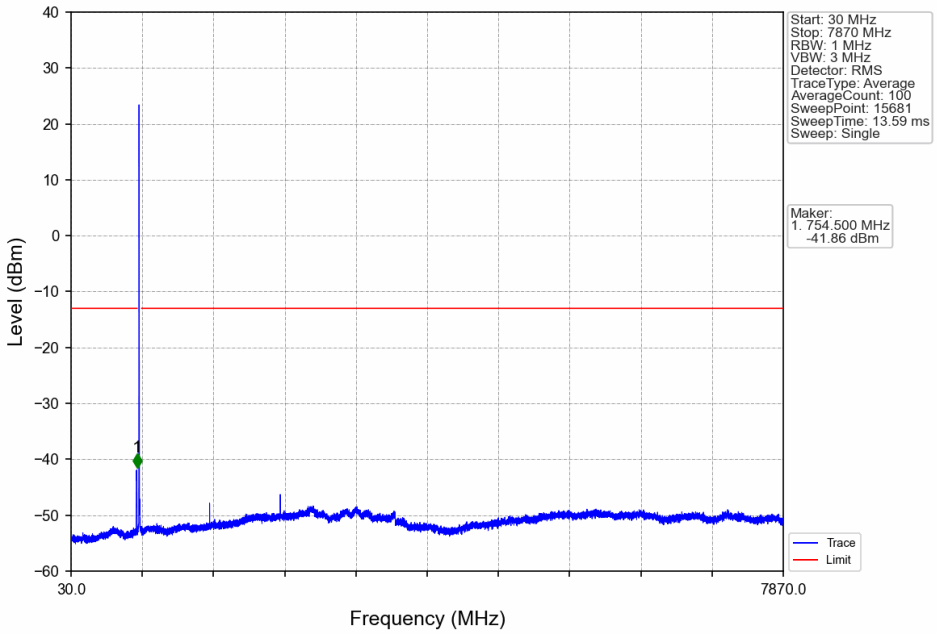
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



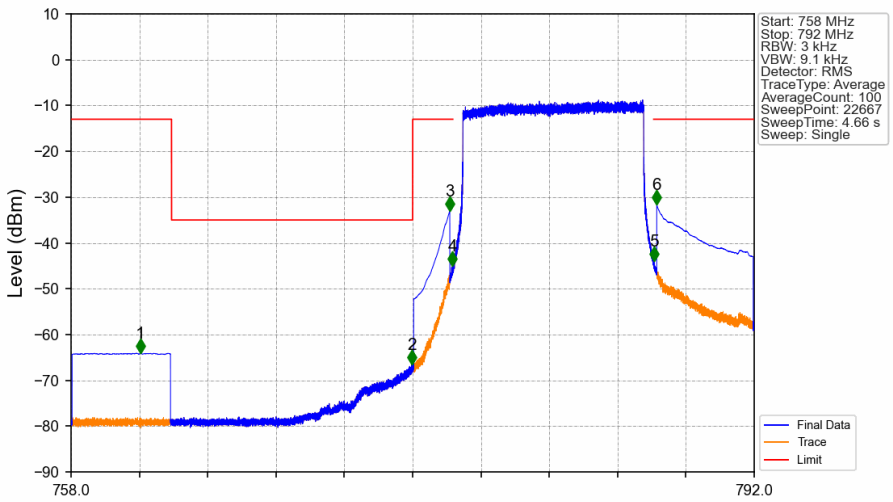
Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV



Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

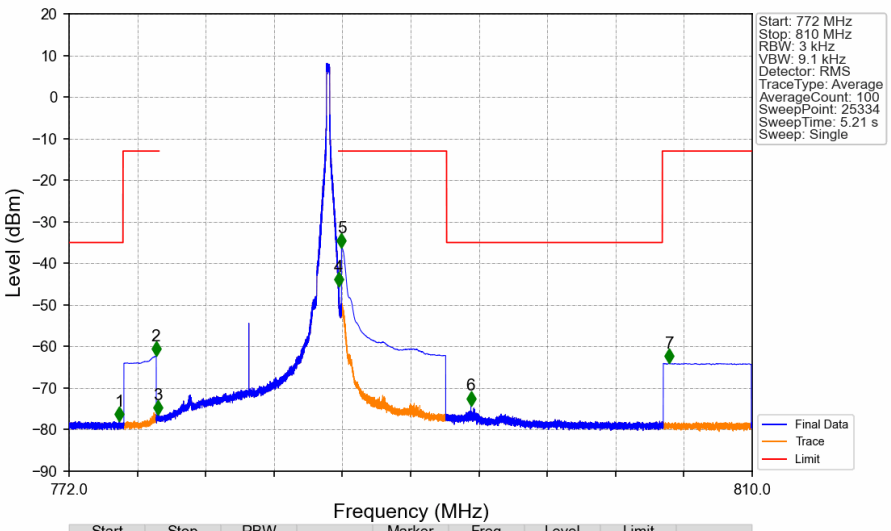


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



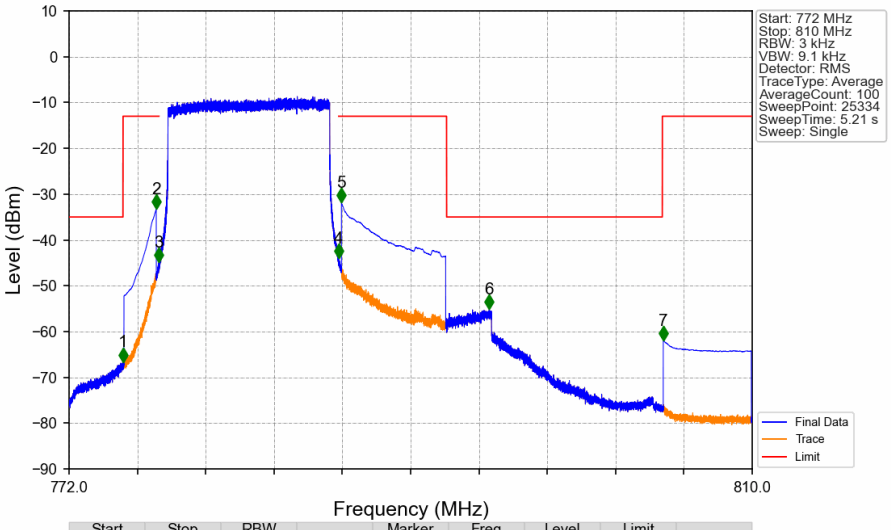
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
758	763	0.1	CHP	1	761.452	-64.06	-13	Pass
763	775	0.00625	/	2	774.959	-66.59	-35	Pass
775	776.9	0.1	CHP	3	776.850	-32.98	-13	Pass
776.9	777	0.03	/	4	776.983	-45.06	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	5	787.000	-44.00	-13	Pass
787.1	792	0.1	CHP	6	787.150	-31.69	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.789	-78.01	-35	Pass
775	776.9	0.1	CHP	2	776.830	-62.34	-13	Pass
776.9	777	0.03	/	3	776.949	-76.46	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.003	-45.59	-13	Pass
787.1	793	0.1	CHP	5	787.155	-36.31	-13	Pass
793	805	0.00625	/	6	794.349	-74.18	-35	Pass
805	810	0.1	CHP	7	805.392	-64.06	-13	Pass

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
772	775	0.00625	/	1	774.990	-66.65	-35	Pass
775	776.9	0.1	CHP	2	776.850	-33.23	-13	Pass
776.9	777	0.03	/	3	776.998	-44.80	-13	Pass
777	787	0.03	/	/	/	/	/	/
787	787.1	0.03	/	4	787.000	-44.02	-13	Pass
787.1	793	0.1	CHP	5	787.150	-31.87	-13	Pass
793	805	0.00625	/	6	795.373	-55.11	-35	Pass
805	810	0.1	CHP	7	805.051	-61.96	-13	Pass

6. Field Strength of Spurious Radiation

For Sample #1:

Test Band = LTE Band13_10M_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1316	46.58	-48.11	25.16	-71.63	-13.00	58.63	Horizontal
2	1922.2857	45.61	-48.02	25.97	-71.70	-13.00	58.70	Horizontal
3	2921.7143	43.77	-46.56	27.96	-70.09	-13.00	57.09	Horizontal
4	3952	44.24	-46.21	29.32	-67.91	-13.00	54.91	Horizontal
5	5405.1429	43.82	-44.98	32.13	-64.29	-13.00	51.29	Horizontal
6	7042.8571	42.07	-43.85	35.12	-61.92	-13.00	48.92	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1555.1800	44.90	-48.30	25.36	-73.30	-13.00	60.30	Vertical
2	2332.7700	44.87	-47.48	26.87	-71.01	-13.00	58.01	Vertical
3	3110.3600	43.19	-46.70	28.21	-70.56	-13.00	57.56	Vertical
4	3887.9500	44.00	-46.22	29.22	-68.26	-13.00	55.26	Vertical
5	4665.5400	42.10	-45.80	30.87	-68.09	-13.00	55.09	Vertical
6	6065.1429	42.99	-44.60	32.62	-64.25	-13.00	51.25	Vertical

Test Band = LTE Band13_5M_ TM1
Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1573.1429	45.91	-48.29	25.37	-72.27	-40.00	32.27	Horizontal
2	2080.5714	45.56	-47.75	26.36	-71.09	-13.00	58.09	Horizontal
3	3490.2857	43.59	-46.54	28.59	-69.62	-13.00	56.62	Horizontal
4	4906.8571	43.55	-45.60	31.25	-66.05	-13.00	53.05	Horizontal
5	6157.1429	43.06	-44.80	32.93	-64.07	-13.00	51.07	Horizontal
6	7233.7143	43.01	-43.74	35.65	-60.33	-13.00	47.33	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1573.1429	45.76	-48.29	25.37	-72.42	-40.00	32.42	Vertical
2	1972.5714	44.99	-47.94	26.12	-72.09	-13.00	59.09	Vertical
3	2482.2857	46.61	-47.30	27.16	-68.79	-13.00	55.79	Vertical
4	3524	43.71	-46.49	28.64	-69.40	-13.00	56.40	Vertical
5	5252	43.07	-45.15	31.85	-65.48	-13.00	52.48	Vertical
6	7205.7143	47.49	-43.85	35.58	-56.04	-13.00	43.04	Vertical

Test Band = LTE Band13_5M_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1572.5714	45.89	-48.29	25.37	-72.29	-40.00	32.29	Horizontal
2	2187.4286	45.42	-47.68	26.57	-70.95	-13.00	57.95	Horizontal
3	3038.2857	44.39	-46.61	28.14	-69.34	-13.00	56.34	Horizontal
4	4285.1429	43.54	-45.81	30.08	-67.44	-13.00	54.44	Horizontal
5	5305.1429	43.50	-45.27	31.95	-65.08	-13.00	52.08	Horizontal
6	6809.7143	42.73	-44.12	34.66	-62.00	-13.00	49.00	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1580.5714	45.85	-48.29	25.38	-72.32	-40.00	32.32	Vertical
2	2424.5714	48.32	-47.41	27.05	-67.30	-13.00	54.30	Vertical
3	3137.7143	43.93	-46.58	28.24	-69.67	-13.00	56.67	Vertical
4	4432	43.99	-45.80	30.44	-66.63	-13.00	53.63	Vertical
5	5970.8571	43.27	-44.59	32.39	-64.18	-13.00	51.18	Vertical
6	7841.1429	41.81	-42.67	36.88	-59.24	-13.00	46.24	Vertical

Test Band = LTE Band13_5M_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1579.4286	45.79	-48.29	25.38	-72.38	-40.00	32.38	Horizontal
2	2038.8571	45.76	-47.83	26.28	-71.05	-13.00	58.05	Horizontal
3	3270.8571	43.64	-46.57	28.37	-69.82	-13.00	56.82	Horizontal
4	4452.5714	43.86	-45.74	30.49	-66.65	-13.00	53.65	Horizontal
5	5865.1429	42.97	-44.86	32.37	-64.78	-13.00	51.78	Horizontal
6	7414.2857	41.68	-43.28	36.16	-60.70	-13.00	47.70	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1578.8571	46.13	-48.29	25.38	-72.04	-40.00	32.04	Vertical
2	2229.7143	45.48	-47.63	26.66	-70.75	-13.00	57.75	Vertical
3	3496.5714	43.68	-46.54	28.60	-69.52	-13.00	56.52	Vertical
4	4430.8571	43.95	-45.80	30.43	-66.68	-13.00	53.68	Vertical
5	6331.4286	42.63	-44.65	33.53	-63.75	-13.00	50.75	Vertical
6	7567.4286	41.44	-43.09	36.49	-60.42	-13.00	47.42	Vertical

For Sample #2:

Test Band = LTE Band13_10M_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1582.8571	46.79	-48.29	25.38	-71.37	-40.00	31.37	Horizontal
2	2132	45.35	-47.70	26.46	-71.15	-13.00	58.15	Horizontal
3	2937.1429	44.21	-46.55	27.99	-69.61	-13.00	56.61	Horizontal
4	3879.4286	44.10	-46.22	29.21	-68.17	-13.00	55.17	Horizontal
5	4410.8571	43.97	-45.86	30.39	-66.76	-13.00	53.76	Horizontal
6	6198.8571	43.51	-44.89	33.08	-63.56	-13.00	50.56	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1586.8571	46.31	-48.29	25.39	-71.85	-40.00	31.85	Vertical
2	1877.1429	46.29	-48.03	25.83	-71.17	-13.00	58.17	Vertical
3	2089.7143	45.77	-47.73	26.38	-70.84	-13.00	57.84	Vertical
4	3145.1429	43.93	-46.54	28.25	-69.63	-13.00	56.63	Vertical
5	3918.8571	44.47	-46.22	29.27	-67.74	-13.00	54.74	Vertical
6	5965.7143	43.64	-44.62	32.39	-63.84	-13.00	50.84	Vertical

Test Band = LTE Band13_5M_ TM1
Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1583.4286	46.77	-48.29	25.38	-71.39	-40.00	31.39	Horizontal
2	1947.4286	46.23	-47.98	26.04	-70.97	-13.00	57.97	Horizontal
3	2285.1429	45.30	-47.53	26.77	-70.72	-13.00	57.72	Horizontal
4	3378.2857	43.60	-46.57	28.48	-69.75	-13.00	56.75	Horizontal
5	4285.7143	43.46	-45.81	30.09	-67.52	-13.00	54.52	Horizontal
6	5958.8571	43.45	-44.65	32.39	-64.07	-13.00	51.07	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1586.8571	46.69	-48.29	25.39	-71.47	-40.00	31.47	Vertical
2	2077.7143	45.76	-47.75	26.36	-70.90	-13.00	57.90	Vertical
3	2757.1429	44.76	-46.98	27.66	-69.81	-13.00	56.81	Vertical
4	3594.2857	44.64	-46.35	28.75	-68.22	-13.00	55.22	Vertical
5	5311.4286	43.93	-45.25	31.96	-64.62	-13.00	51.62	Vertical
6	6286.2857	43.07	-44.65	33.37	-63.47	-13.00	50.47	Vertical

Test Band = LTE Band13_5M_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1596	47.01	-48.28	25.40	-71.14	-40.00	31.14	Horizontal
2	1932	46.16	-48.00	26.00	-71.11	-13.00	58.11	Horizontal
3	2628	34.77	-46.96	27.43	-70.02	-13.00	57.02	Horizontal
4	3261.1429	43.99	-46.53	28.36	-69.44	-13.00	56.44	Horizontal
5	4105.1429	42.93	-45.90	29.65	-68.58	-13.00	55.58	Horizontal
6	6288	43.20	-44.64	33.38	-63.32	-13.00	50.32	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1576.5714	46.51	-48.29	25.38	-71.66	-40.00	31.66	Vertical
2	1831.4286	46.85	-47.98	25.69	-70.70	-13.00	57.70	Vertical
3	2114.2857	45.17	-47.71	26.43	-71.37	-13.00	58.37	Vertical
4	3309.1429	43.80	-46.67	28.41	-69.72	-13.00	56.72	Vertical
5	4418.2857	43.86	-45.84	30.40	-66.83	-13.00	53.83	Vertical
6	7713.7143	41.79	-43.25	36.70	-60.02	-13.00	47.02	Vertical

Test Band = LTE Band13_5M_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1571.4286	46.71	-48.29	25.37	-71.47	-40.00	31.47	Horizontal
2	1922.8571	45.83	-48.02	25.97	-71.48	-13.00	58.48	Horizontal
3	2951.4286	43.93	-46.54	28.01	-69.86	-13.00	56.86	Horizontal
4	3493.1429	43.56	-46.54	28.59	-69.65	-13.00	56.65	Horizontal
5	5568	43.61	-45.23	32.31	-64.56	-13.00	51.56	Horizontal
6	6467.4286	42.25	-44.68	33.99	-63.70	-13.00	50.70	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1588	46.89	-48.28	25.39	-71.27	-40.00	31.27	Vertical
2	1850.2857	46.30	-48.00	25.75	-71.21	-13.00	58.21	Vertical
3	2850.2857	43.82	-46.74	27.83	-70.35	-13.00	57.35	Vertical
4	3678.2857	43.70	-46.19	28.89	-68.87	-13.00	55.87	Vertical
5	5544.5714	43.25	-45.20	32.31	-64.90	-13.00	51.90	Vertical
6	8764.5714	40.98	-41.46	36.64	-59.10	-13.00	46.10	Vertical